Synthetic Resin Prices—Page 32

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

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Volume 148 No. 6 SCHNELL PUBLISHING COMPANY, INC., PUBLISHERS August 6, 1945

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Vol. 148 No. 6 — New York 7, N. Y. — August 6, 1945

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Reconversion Report Made by Senate Group

OPD Washington Bureau

The fourth annual report of the special senate committee investigating the national defense program was filed in the senate July 30 with a blast at the failure of government agencies to move more quickly in preparing reconversion plans, expediting cutbacks, providing industry with sufficient raw and semi-finished materials and tools, and giving industry more information to permit it to make detailed plans in advance.

The report was the sharpest indictment thus far made of the manner in which reconversion has been handled, declaring that too often problems have become tangled up in jurisdictional lines of authority of various agencies, and because the Office of War Mobilization and Reconversion has too often acted merely as a conciliator and failed to fill the need of a true executive.

Similar viewpoints were expressed at the same time by the senate small business committee in a report filed the same day on the Impact of Reconversion Policies on Small Business. This report expressed the belief that the "unplanned reconversion" is about to become a mad scramble for materials which will threaten the continued existence of small business.

Six recommendations were made in the report of the national investigating committee:—

1. The Office of War Mobilization and Reconversion should be put on a super-

—*Continued on page 42*

Printing Ink Industry Has Research Project

A prospectus of a co-operative research program for the industry has been issued by the National Association of Printing Ink Makers. Subscriptions of funds are being solicited on a sliding scale apportioned to annual sales of numbers of the industry and measured to an estimated annual operating budget of $30,000.

The objective is the establishment of a printing ink research institute. Initially, the plan is to choose three trustees from the board of directors of the association, who will select a group of five technicians in the industry. This technical unit will recommend to the trustees various research projects to be undertaken, and the trustees will determine the consequent programs. This will be volunteer work. The projects will be carried out by a paid staff.

Among the projects in which the advocatees of the institute believe that it could be of valuable service to the industry the following are listed:—(1) Fundamental research, (2) new materials for ink, (3) dispersion of pigments, (4) ink testing, (5) ink material properties, (6) amounts and kinds of driers, (7) dispersion methods and equipment, (8) practical ink application, (9) ink complaints, (10) paper versus ink, (11) printing equipment and ink, (12) ink versus rollers, (13) bodying of inks on aging, (14) drier effectiveness on aging, (15) ink and water, (16) reports on investigations, (17) specifications, (18) educational program, (19) literature on ink.

Wallace Pratt Retires From N. J. Standard

Wallace E. Pratt has retired as a director and member of the executive committee of Standard Oil Company (New Jersey). He started with Humble Oil & Refining Company in Texas, now a Jersey Standard affiliate, in 1917 as chief geologist after previous geologic work for the Philippine Government and for another oil company. He was elected a director of Humble in 1923 and, ten years later, he became vice-president. In 1937 he resigned to become director and member of the Executive Committee of the parent company, Standard Oil Company (New Jersey), adding, in 1942, the duties of a vice-president.

Food Prices, Rations Proposed for D.ofA.

OPD Washington Bureau

A bill (S. 1326) transferring control over and responsibility for price-control and rationing of food and feed from the Office of Price Administration to the Secretary of Agriculture was introduced in the senate July 28 by Senator Tom Stewart of Tennessee. Food is defined in bill as any commodity used or useful for food or feed or for processing into food or feed.

The bill states that, in order to co-ordinate and centralize responsibility relating to production and distribution of foods, the Secretary of Agriculture is authorized to determine and prescribe the policies to be followed and the actions to be taken by the Price Administrator with respect to both maximum prices and rationing of food.

Plant Food Council Appoints President

OPD Washington Bureau

Clifton A. Woodrum, member of the House of Representatives, was from the sixth district of Virginia, has been appointed president of the American Plant Food Council. His appointment takes effect September 1. Mr. Woodrum has announced he would not seek re-election to the House of Representatives next year, and that he would retire when he was able to complete the Congressional duties in which he is now engaged.

As head of the council, Mr. Woodrum will be in charge of a program which has two particular objectives: —(1) to promote a better relationship and understanding between the industry, the government and the public; and (2) to provide an educational service, in cooperation with the appropriate government agencies, to inform the farmers of the nation and the fertilizer industry as to the plant food needs of agriculture.

N.P.V.L.A. Sets Dates For 'Convention-at-Home

OPD Washington Bureau

The 1945 "Convention at Home" of the National Paint, Varnish and Lacquer Association will be held October 31 to November 2. Suggestions from members of the industry of subjects which they believe would be desirable to include on the program by mail are soliciated by the association.

This meeting of the association will be the fourth consecutive convention by mail necesstated by wartime hotel and transportation conditions since the last regular convention was held in Chicago in 1941, and will constitute the fifty-seventh annual meeting. A "statutory meeting" for the election and other annual business will be held at association headquarters in Washington, as in the past three years, in conformance with the by-laws.

Schering Sues Glidden Over Hormone Patent

Schering Corporation of Bloomfield, N. J., filed suit August 2, in Chicago, against the Glidden Corporation, Cleveland, Ohio, for infringement of U. S. Patent No. 2232438, covering "unsaturated pregnanolones and pregnandiones and a method of producing the same," and U. S. Patent No. 2313732, covering "halogenated pregnanolones and pregnandiones" respectively, in connection with the manufacture and sale of progesterone, the corpus luteum hormone.

Postwar Research for Defense Raises Various Official Views

OPD Washington Bureau

A behind-the-scenes controversy over whether research work in the postwar period in the interest of national defense should be assigned to the National Academy of Science or be carried on by a new board set up by the army, the navy and the President for this specific purpose was disclosed this week by the senate committee on naval affairs.

Legislation authorizing an annual appropriation of $8,000,000 to the National Academy of Science to do research work on national defense was passed by the house in June. Sponsors of the bill (H.R. 3440) said at the time that it was drawn and introduced exactly in conformity with the combined judgment and agreement of the army, the navy and the academy. In a letter to the senate committee, Capt. Lewis L. Strauss, of the Office of the Secretary Navy, told the committee that such a statement was inaccurate and does not represent the position of the department. The department, he said, wants a military research organization established, that is lodged within the framework of the government, securing its own funds from Congress, and responsible to, but not dominated by the armed forces. The National Academy of Science, he pointed out, is a body chartered by, but independent of the Congress and, therefore, not within the framework of the Federal government.

If enacted, Captain Strauss declared, H.R. 3440 would, in effect, perpetuate a situation which is little different from that in which the country found itself at the outbreak of this war with respect to basic research and to that extent the country would not have profited from the lessons of this war. He added:-

It is generally agreed that the surprise factor in warfare will be continuously developed and that the next war, if and when it occurs, will in all likelihood not afford the United States those days of grace for the development of countermeasures against the enemy's weapons and of new weapons of our own, as it was our good fortune to have in this war. H.R. 3440 is vague as to the appropriation funds, silent on the composition of the board, does not foreclose the operation of laboratories by the board, and is perhaps unwisely restrictive as to the maximum limitation on appropriations.

The navy's objections to the bill were disclosed by the committee in its report to the senate on S. 825 which would set up a new board, called the Research Board for National Security, to do national defense research work, and served to underline the many differences of viewpoint in the government on the whole subject of research and development which has been em-

—*Continued on page 42*

Dr. Cornelia Snell Heads N.Y. Section of A.C.S.

Dr. Cornelia T. Snell, of Foster D. Snell, Inc., consulting chemist and chemical engineer of Brooklyn, N. Y., has been made chairman of the New

Cornelia T. Snell

York Section of the American Chemical Society, as announced, following a meeting of the section's board of directors. Dr. Snell, who succeeds Dr. Ross A. Baker, professor of chemistry in the School of Business and Civic Administration of the College of the City of New York, is the first woman to head the New York section, which, with 4,148 members, is the largest of the society's 106 local sections. She has been serving as chairman-elect of the section and would have succeeded to the chairmanship in 1946 upon the expiration of Dr. Baker's term of office.

Dr. Baker resigned to serve as civilian educational specialist on the faculty of one of the army's university's study centers in Europe. He has been granted leave of absence by the College of the City of New York.

Ind. Standard Forms Chemical Department

Standard Oil Company (Indiana) is organizing a chemical products department, according to A. W. Peake, president. The immediate duties of the department will be to explore the market for petroleum chemicals, work with research and manufacturing departments in developing and producing marketable derivatives, and manage sales and distribution.

The new president will operate under general direction of Bruce K. Brown, vice-president in charge of development, with William B. Plummer as manager. Mr. Plummer was formerly manager of Standard's development and patent department and during the war, until recently, a lieutenant-colonel in the Air Technical Service Command, A. A. F., Howard R. Peterson, an experienced member of Standard's sales technical service will be in charge of sales department. Other staff members are being selected.

Shark Liver Sampling Device Developed

OPD Washington Bureau

The shark industry will save an estimated $1,000,000 during the next year as a result of a device which technicians of the Fish and Wildlife Service recently perfected for sampling livers to determine their vitamin content, Charles E. Jackson, assistant director of the service, has announced.

The liver sampler is a portable, electrically operated device which may be used either aboard ship or immediately after a cargo of livers is unloaded at the docks. Collection of adequate samples of the livers and analysis to determine their vitamin A potency require only about an hour, in contrast to former methods which took several days.

Silicone Rubber Now Available Commercially

Dow Corning Corporation, Midland, Mich., has announced the commercial availability of 'Silastic,' a silicone rubber, produced in various stocks for molding, extruding, coating, and laminating. Largely because of their inorganic origins, these rubbery organosilicon oxide polymers are said to remain elastic after heating at temperatures up to 500°F. and retain flexibility at temperatures as low as —70°F. Silastic stocks are available for molding flat sheets, gaskets and other shapes.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Aug. 3, 1945	July 27, 1945	Aug. 4, 1944
134.0	**133.6**	**137.1**

The base of the OPD Price Index is the average of prices in 1926 and 1936, these years representing extremes of price undulations in the interwar period.

Adverse natural influences largely controlled price views last week in the markets for chemicals, oils, and drugs. The weather being what it is, the influence was, of course, inverse, and the effect was a higher level. Botanical drugs, aromatic oils, turpentine, and eggs were the major contributors, with some help from OPA on copals. Quicksilver and menthol were again on the other side.

A number of allocations were lifted, but some others were put on, for such reasons as the aggravation of tropical military demands by the mildewy weather on the home front.

Manpower remained in its Summer slump, the loafing quotient finding no reason to reconvert, and strike causes becoming more and more infinitesimal.

Recent Imports

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ACID, STEARIC—342 pkgs, International Express Co
383 pkgs, East Asiatic Co
383 pkgs, Mennen Co
385 pkgs, Wm D Neuberg Co
190 pkgs, Paul A Dunkel & Co
270 pkgs, New England Collapsible Tube Co
442 pkgs, Yardley & Co
900 pkgs, D C Andrews & Co

ARTISTS COLORS—24 cs, Windsor & Newton, Inc

ASBESTOS—5 bls, Bay Chemical Co, Inc

BABASSU KERNELS—8,333 bgs, General Foods Corp

BALSAM, COPAIBA—33 dms, Kachurin Drug Co
8 dms, C E Griffin & Co
6 dms, Wessel, Duval & Co
2 dms

TOLU—52 cs, Royal Bank of Canada

BONES, GRANULATED—7,434 bgs, 743,400 lbs, Baugh & Sons

CASEIN—1,057 bgs, 137,310 lbs, Paul & Stein Bros
1,128 bgs, 146,640 lbs, National Casein Sales Co
975 bgs, 126,750 lbs, Packing Products Co
3,900 bgs, 507,000 lbs, American British Chemical Supplies, Inc
540 bgs, 70,200 lbs, H S Cramer & Co
5,300 bgs, 689,000 lbs, Hercules Powder Co
600 bgs, 78,000 lbs, Casein Co of America
2,324 bgs, 302,120 lbs, International Commercial Co
691 bgs, 89,830 lbs, Edmond J Lang
462 bgs, 60,060 lbs, American Cyanamid & Chemical Corp

CASHEW KERNELS—80 cs, 4,000 lbs, Irvington Varnish & Insulator Co
1,345 cs, 67,150 lbs, General Food Corp

SHELLL LIQUID—106 dms, Brazil Oiticica, Inc

CASTOR BEANS—10,390 bgs, 1,558,500 lbs, Baker Castor Oil Co

—Continued on page 65

Bids Wanted

Aluminum Sulphate:—4 tons, Supply Officer, Veterans Administration, Murfreesboro, Tenn.; invitation 46-73, opening August 9.

Calcium Hypochlorite Powder: — 315 pounds, Chief Clerk, Department of Justice, Bureau of Prisons, U. S. Penitentiary, Terre Haute, Ind.; invitation 31-2098, opening August 9.

Chemicals:—Chief Clerk, Department of Justice, Bureau of Prisons, Federal Correctional Institution, Tallahassee, Fla.; invitation 25-1467, opening August 7.

Chemicals:—Supply Officer, Veterans Administration, Palo Alto, Calif.; invitation 46-32, opening August 14.

Detergent:—5,200 pounds, Warden, Justice-Prisons, Federal Reformatory, Petersburg, Va.; invitation 9-2451, opening August 7.

Drugs and Chemicals: — Procurement Division, Veterans Administration, Washington (25); invitation 46, opening August 13.

Linseed Oil, Raw:—150 gallons, Chief, Contract and Purchase Section, Treasury Department, Procurement Division, San Francisco; invitation SF-2451, opening August 7.

Margarin:—2,600 pounds, Warden, Justice-Prisons, Federal Reformatory, Petersburg, Va.; invitation 9-2455, opening August 9.

Mercury: — Procurement Division, Veterans Administration, Washington (25); invitation D-44, opening August 6.

Salad Oil:—16,300 gallons, Procurement Division, Veterans Administration, Washington (25); invitation 8-S, opening August 14.

Soap, Powdered Laundry:—7,200 pounds, Supply Officer, Veterans Administration, Mountain Home, Tenn.; invitation 46-32, opening August 6.

Sweeping Compound:—Regional Deputy Director, Treasury Department, Regional Procurement Office, Chicago, Ill.; invitation TCH-05-5848, opening August 6.

Vitamin Oil:—Chief Clerk, Department of Justice, Federal Reformatory, Chillicothe, Ohio; invitation 5-2211, opening August 6.

Gets General Aniline Post

Dr. William E. Hanford, manager of the central research laboratory of General Aniline & Film Corporation, Easton, Pa., has been named director of research for the company.

Aromatic Solvents May Be Easier

OPD Washington Bureau

In view of the current adequate supply of xylol from petroleum and coal, liberalization of order M-150, governing aromatic solvents, is under consideration War Production Board officials told the members of the petroleum derivatives industry advisory committee at a recent meeting. The committee discussed the proposed transfer of xylene range class A solvents and class A blends from order M-150 to order M-340 which assures the meeting of military needs, but provides no priorities assistance for remaining requirements. It was suggested by some members that controls be completely removed from these materials. It was pointed out, however, that this was not possible until an adequate supply for the future could be assured.

The committee agreed with WPB officials that class B solvents and blends of the toluene range should be retained under an amended M-150. WPB pointed out that item 10 of schedule B of the order, which limits the use of class B solvents or blends to 55 gallons a month to each consumer for all military orders, may be changed to increase the limit to 2,500 gallons monthly. This action would afford a measure of needed relief to industry without seriously taxing th supply the committee said.

A small order exemption of tv drums of class B materials a month may also be permitted for unrestricted use, the committee was told. No small order exemption for these materials is currently allowed.

Fats, Oils Purchases By Industries Limited

OPD Washington Bureau

Drug manufacturers and other industrial users of fats and oils have been ordered by the Office of Price Administration to limit their purchases of these materials during August so that the amounts obtained for the two months of July and August will not exceed two-thirds of their allotment for each material for the third-quarter. OPA also ruled that an industrial user may not at any future time obtain additional quantities of these materials in an amount sufficient to increase his inventory beyond one-third of his quarterly allotment.

Two exceptions are provided:—

(1) An industrial user may obtain more than the amounts set forth if this is necessary in order to take delivery in his customary shipping unit.

(2) The limitations do not apply to any sugar or to any fats and oils obtained as a provisional allowance or to any of these foods received as an advance for making products for an exempt agency.

Army Adopts Semigloss Finish for Vehicles

OPD Washington Bureau

Military motorized vehicles in the future will have a semigloss finish, rather than the conventional olive-drab lusterless finish heretofore used, the War Production Board reported August 3. WPB explained that the change is being made to provide increased corrosion resistance required in the Pacific area.

In line with the new requirement, phthalic alkyd resins and yellow iron oxide allocated in August for the olive-drab lusterless finish specification may be used for the new specification without additional WPB authorization. The olive-drab lusterless finish specification is United States Army specification 3-174 amendment 1 and specification 3-181 amendment 3.

WPB urged paint manufacturers to co-operate with military prime contractors in placing the new paint material in production at the earliest possible moment, thereby preventing the accumulation of large surpluses of the lusterless finish.

The change is not expected to be a difficult transition for the paint industry because the same raw materials used in the earlier formulations can be used in the new type of coating, WPB said.

Paperboard Ass'n Hit By FTC Complaint

OPD Washington Bureau

The Federal Trade Commission has issued a complaint charging National Paperboard Association, Chicago, and its officers and member manufacturers with participating in an unlawful combination to eliminate competition in price, restrict production and monopolize the manufacture and sale of paper board and paperboard products. The association members allegedly do 90 percent of the industry's business and are in position to control the manufacture and terms and conditions of sale of their products.

In support of their program for controlling the indsutry the respondents, the complaint alleges, formulated and put into effect what is known as the "Becker Plan," whereby members of the association and non-member manufacturers subscribed to a fund to individually buy up or lease existing paperboard mills and machinery.

The complaint specifically names as respondents the following 12 manufacturers who are members of the association:

The Robert Gair Company, New York; Mead Corporation, Chillicothe, Ohio; International Paper Company, New York; Mac Sim Bar Paper Company, Otsego, Mich.; Hinde & Dauch Paper Company, Sandusky, Ohio; Morris Paper Mills, Chicago; Container Corporation of America, Chicago; the Eddy Paper Corporation, Chicago; Schmidt & Ault Paper Company, York, Pa.; United Paperboard Company, New York; Continental Paper Company, Ridgefield Park, N. J.; and Chesapeake Corporation of Virginia, West Point, Va. All of the respondent manufacturers, except International Paper Company and Mac Sim Bar Paper Company, are subscribers to the 'Becker Plan.' Also named as respondents are Frederick G. Becker, Inc., Chicago, and its officers. Mr. Becker also is executive manager of National Paperboard Association.

With respect to the so-called "Becker Plan" of mill buying and other practices engaged in by the respondents in support of their restraint-of-trade combination, the allegations of the complaint are in part as follows:

Under a contract entered into with the Becker Corporation each subscribing manufacturer agrees to pay 75 cents for each ton of paperboard it manufactures, and larger payments for any paperboard produced in excess of the manufacturer's proportionate tonnage position in the industry. Ninety percent of each manufacturer's payments is held in trust by the Becker Corporation for the benefit of the manufacturer, subject to certain provisions of the contract. Ten percent goes to the Becker Corporation as compensation for its services.

Atlantic Refining Company

6 months, June 30....	4,964,000	7,526,000
Per share.....	1.75	2.71

Oil, Paint and Drug Reporter, Vol. 148, No. 6, Aug. 6, 1945. Published weekly by Schnell Publishing Company, Inc., 59 John St., New York, N. Y., U. S. A. Tel. REctor 2-9820. Subscription price:—United States and possessions, Cuba, Mexico, Central America and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter, January 15, 1884, at the New York Post Office under the act of March 3, 1879. Copyright, 1945, by Schnell Publishing Company, Inc.

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WPB Clarifies Status Of M-300 Shipments

OPD Washington Bureau

Shipments on consignment of chemicals controlled by the general chemicals allocation order (M-300) are not permitted unless War Production Board authorization is received, the agency emphasized last week in an interpretation of M-300.

A single authorization may be obtained to cover a series of shipments by sending a letter of request, addressed to the Chemicals Bureau, War Production Board, Washington 25, D. C., Ref. M-300, Schedule XX, it was explained. Further WPB authorization is essential where any transfer of ownership of one of a group of authorized shipments is desired.

The interpretation also points out that mateial that has been shipped to another person on consignment is a part of the shipper's inventory as long as the title is retained by the shipper, and should be included in the shipper's M-300 inventory reports.

Adhesives Discussed

A booklet, "3-M Adhesives in Industry," has just been issued by the Minnesota Mining & Manufacturing Company, Saint Paul 6, Minn.

WPB Protective Coatings Officials to Resign

OPD Washington Bureau

At least four officials of the Protective Coatings Branch of the Chemicals Bureau, WPB, holding important positions in the agency through most of the war period, have made known their desires to resign from the branch early next month, it was learned August 2. The group has already submitted their resignations, it is understood, and are awaiting their acceptances and approval of certificates by the War Manpower Commission for release from government service.

Those who are reported to be planning to leave the agency are Benjamin Belcher, deputy chief of the branch; Dr. H. O. Farr, chief of the Coatings Section; Charles Love, chief of the Pigment and Color Section, and John Henry, who became acting chief of the Aromatic Petroleum Solvents Unit last month when S. H. Manian, chief of the unit, transferred over to the Foreign Economic Administration.

It is thought probable that after these four leave a reorganization of the setup of the branch may be undertaken through a consolidation of some of the unit activities. At least one such change is likely, it is understood, being a merging of the Lacquer Solvents Unit and the Aromatic Petroleum Solvents Unit into a single unit to be known as the Solvents Unit.

Mr. Belcher has been with the branch for nearly three and a half years. He is planning to return to his old position in private industry with the Benjamin Moore Co. of New York.

Dr. Farr is returning to the Pittsburg Plate Glass Company, from which he obtained a war release of absence three years ago to come to Washington to work on paint problems growing out of the war.

Mr. Love, who likewise has spent three years in the Protective Coatings Branch, plans to go back to his old position with the C. K. Williams Company, of Easton, Pa.

Mr. Henry has been with the branch for about two years. Prior to that he was in government service and at one time attached to the White House. It is understood that he plans to enter the ministry upon leaving the agency.

Surplus Chemicals Are Offered

The Medical and Surgical Division of the Department of Commerce offers the surplus chemicals for sale.

Ammonia Acetate, 1,221 bottles, St. Louis, Mo.
Arsenic Trioxide, 876 bottles, St. Louis, Mo.
Congo Red, 1,200 bottles, St. Louis, Mo.
Malachite Green, 2,000 vials, St. Louis, Mo.
Methyl Green, 300 vials, St. Louis, Mo.
Nigrosin, 1,100 vials, St. Louis, Mo.
Potassium Carbonate, 1,200 bottles, St. Louis, Mo.
Potassium Sulphate, 10,000 bottles, St. Louis, Mo.
Silver Protein, 26,641 bottles, St. Louis, Mo.
Sodium Borate, 29,942 bottles, St. Louis, Mo.
Sodium Carbonate, 20,089 bottles, St. Louis, Mo.
Sodium Citrate, 8,800 bottles, St. Louis, Mo.
Sodium Sulphite, 2,554 pounds, St. Louis, Mo.
Sulphocarbolate Compound, 952 bottles, St. Louis, Mo.
Thymol Iodide, 3,000 bottles, St. Louis, Mo.

CMP Rescheduling Procedure Revised

A controlled materials producer who is able to produce and deliver an order in advance of the time permitted by War Production Board regulations may in certain cases reschedule for an earlier date, WPB announced July 25.

Interpretation 33 to Controlled Materials Plan Regulation 1, states that if the order is an authorized controlled material order and the earlier date is within the same quarter for which the order was originally scheduled, the producer may schedule it for delivery at the earlier date as though it were a new order placed for delivery at that date, provided he gets agreement from his customer. This applies even though the production and delivery date may be in advance of the time permitted by paragraph (t) (4) of CMP Regulation 1.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

Congress has left Washington for a ten-week recess, the longest period that the two houses have stood in adjournment since the start of the war. It will be but a short respite for the agencies that have been under sharp attack from the lawmakers in recent weeks, however, and they might best spend this time in preparing themselves for a host of investigations that are just over the horizon.

Indications are that the members of Congress will be more inclined to investigate than to legislate when they come back. Food distribution will remain high among the agenda, with OPA continuing to take it on the chin. But, about that time harvest will be well underway and the farmers again will be complaining about labor shortages which will be enough to launch Congress into another manpower inquiry. Transportation in all its phases is another subject to be aired completely. Between committees of the senate and house and the Federal Power Commission, oil pipelines already are facing five separate investigations. The spread between farm prices and retail prices for farm products is another field to be looked into.

Of course, there are the standing subjects for continuous probing such as the treatment of small business in the reconversion plans, disposal of surplus property, postwar economic planning, cartels, general progress of the war program. But another new one is imminent—the whys and wherefores of the depletion of raw materials and scarce minerals and what to do about it.

It is not that Congress hasn't plenty of other things to do—it has. There were a dozen or more major bills left untouched when the recess was taken, but investigations are the things uppermost in the members' minds at this time.

Counting the Rawstuffs

Another resolution for an investigation of the wartime depletion of domestic supplies of raw materials was introduced in the senate August 1 by Tom Stewart of Tennessee.

A previous resolution (S. Con. Res. 23) introduced by Senator Joseph F. Guffey of Pennsylvania, proposed that the Department of the Interior study the depletion of mineral resources and recommend a program of conservation for the postwar period. The Stewart resolution (S. Res. 167) would cover all raw materials, the study being made by a special five-man committee of the senate.

Stabilizing Statistics

Businessmen haven't any monopoly on complaints that have been heard against the statistical reports that emanate from Washington government sources. State commissioners of agriculture reared back and let loose a blast this week on the same subject. There has been too much mixing of statistics with planning, in the opinion of these commissioners. The result is conflicting estimates and confusion among those depending on accurate reporting to find out which way the wind is blowing.

If Secretary of Agriculture Anderson takes the suggestion of this group, he will set up an official statistical agency in his department, whose only objective will be to analyze and disseminate statistics to the public. The work would be enirely separated from the planning and programming agencies. In this way, they told him, he will get more effective co-operation from the States and provide a more comprehensive service to agriculture.

Technical Data Unbarred

FEA has lifted some of the bars to the sending of technical data to Great Britain, Australia, and New Zealand, which had been imposed at the outbreak of the war to keep this material out of the hands of the enemy. A general license, designated "TD-GAN," has just been established, giving freedom of movement of these data to the three destinations.

Two exceptions are made, however: —(1) The data cannot move under this general license if they have been restricted by any officer or agency of the government against dissemination or exportation; or (2) if they are data contained in patent applications based on inventions made in the United States, amendments or other papers relating directly to such applications.

Senders of the permissible data should mark the envelope or wrapper conspicuously to show that it is moving under "General License TD-GAN."

Revising the Tax Scheme

Now that the 1945 tax adjustment act is out of the way, which was designed to make it easier for industries to reconvert from war to peacetime production from the tax standpoint, a postwar tax program that will cushion the impact of VJ-Day has been moved up to first place on the calendar of the congressional tax committees.

The joint congressional committee on internal revenue taxation has reconverted itself into the joint congressional committee on internal revenue taxation for postwar taxation as step No. 1 in this direction and is beginning a series of meetings with the Treasury and business on just what can be done to lighten the present tax burden.

The 1945 tax adjustment act provides significant help to reconversion by improving the cash position of business, but it provides no material reduction in the tax on business. Spokesmen say that unless business knows soon just what its tax burdens are going to be, reconversion of plants and facilities, and development of new processes, markets, and products will be stymied.

Even if postwar taxes can't be enacted before VJ-Day, they should at least be discernible in advance if reconversion is to proceed satisfactorily.

Start Research Young

Another bill dealing with scientific research has made its appearance in Congress. This one (S. 1316), sponsored by Senator Elbert Thomas of Utah, deals with the problem on the lower level, rather than on the highly specialized level, by making funds available to the States for employment of teachers of natural science subjects in the high schools.

It is Senator Thomas' view that the appreciation of the importance and general principles of science should begin at an early age. The chief beneficiary of an adequate program of science education would be the many branches of industry, he points out, because science constantly stimulates the development of new products and this means more opportunities for labor jobs in production, in transportation, in salesmanship, and delivery. Successful handling of each step of the program means ultimately more money in the stockholder's pocket, and in the pocket of labor.

Quotas Not Transferable

It is not so much what is said as what is not said in the regulations of OPA that gets business people so worked up over the agency and brings down complaints on the agency's head. One example of this is what happens to the rights which OPA might have granted to a concern under its ration program when that concern sells its establishment to another. It would be expected that these rights would go along with the sale to the new owner, but that is not the case.

A small bottling company found this out the other day, after it had bought out the business of another. The other concern had been given an adjustment in its sugar quota, but when the new owner sought to exercise his rights to this adjustment, OPA said it couldn't be done. The sugar ration regulations don't say anything about it, but OPA says that's its policy.

In one such instance the OPA denial was made applicable to a firm which changed its corporate structure to a partnership identical in individual ownership to the previously existing corporation. OPA took the position

—Continued on page 47

WPB to Assign New MM Ratings

OPD Washington Bureau

A new regulation establishing a method by which the War Production Board will assign the new "military" MM rating directly to some manufacturers has been announced by WPB. Priorities Regulation No. 30, as the new method is officially designated, requires that application be made to WPB for a new rating percentage not later than August 15. The new ratings will be based on July shipments.

WPB will probably assign ratings directly only during the first quarter of 1946, and thereafter a self-operating system may be set up. Under the revised rating system described in Priorities Regulation 30, manufacturers who have had ratings assigned directly to them by WPB, as has been the practice under the Controlled Materials Plan and Priorities Regulation 11-B, are now generally expected to get the production materials they need in 1946 for military orders by extending their customers' MM ratings.

It was emphasized that MM ratings obtained from the "rating percentage" may be applied only to orders calling for delivery during the first, second and third quarters of 1946 (although such orders may be placed, or rated orders previously placed may be changed to the MM "military" rating at any time after receipt of the rating pattern or percentage).

Chemical Equipment Eased from Control

Relaxation of controls over a wide variety of chemical industry equipment was effected by the War Production Board in its recent amendment of general scheduling order M-293 in conformity with the announced policy of lifting restrictions at the earliest possible moment consistent with the war effort against Japan.

The types of chemical equipment over which controls were revoked fell into six classifications identified by the following code number:—241 (chemical machinery), 242 (paint machinery), 243 (drug machinery), 244 (plastic molding machinery), 247 (animal, fish and vegetable oil machinery), and 931 (glassmaking machinery).

Controls are still being exercised, however, over some types of the machinery used for these purposes. They are listed in the order under table 15, as certain types of crushers, driers, evaporators, presses, processing equipment, centrifuges, columns, degreasing machines, plastic molding machinery, paint, varnish, and lacquer or ink machinery and machines for making tablets and pellets.

WPB Denies Request For Steel for Drums

A request for 42,000 tons of additional sheet steel for the production of steel drums in the third quarter has been denied by the War Production Board's Requirements Committee.

Production of heavy steel barrels and drums in May, 1945, was 2,143,088, compared with 1,971,726 for April, 1945, and 1,539,401 for May, 1944, according to the Bureau of Census. Shipments were 2,145,087 for May, 1945, as against 1,971,434 for April, 1945, and 1,530,643 for May, 1944. Stocks at the end of the month totaled 51,043. Output of light type steel barrels and drums in May, 1945, reached 630,809, compared with 418,624 last year. Shipments were 635,389 for May, 1945, compared with 543,383 for April, 1945, and 420,105 for May, 1944, while unfilled orders at the end of the month were 2,326,267.

RFC Names Buskie And O'Hara to Posts

Reconstruction Finance Corporation has announced the appointment of George F. Buskie as acting executive director, Office of Surplus Property of the Reconstruction Finance Corporation, and Francis J. O'Hara, jr., as executive director of the Office of Defense Plants of the Reconstruction Finance Corporation. These offices were recently vacated by Hans A. Klagsbrunn, who resigned to become deputy director of the Office of War Mobilization and Reconversion.

How an Investment of Over

£150,000

by BRITISH COD LIVER OIL PRODUCERS (HULL) LTD.

produces a better cod liver oil for your requirements

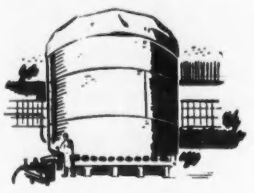
The cessation of hostilities in Europe now permits Britains' largest cod liver oil producers to resume their long distance fleet operations.

Superior cod liver oil can only be produced from superior oil-rich fish such as abound in the icy waters off Greenland, Iceland, Spitzbergen and other sub-Arctic regions.

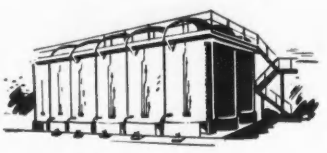
To seek out this cod, British Cod Liver Oil Producers (Hull) Ltd. use heavy-duty trawlers that can steam 2000 miles to the best fishing grounds. Trawlers are equipped to extract the oil at sea immediately as the fish are caught. After gentle steaming, the oil is drawn off and stored in special cooling tanks below sea level.

Upon arrival at Hull, each trawler's production is run off into separate compartments on small collection boats and transferred by tank wagon to the company's refinery at Marfleet on the outskirts of Hull.

Here situated amidst rural surroundings the refinery processes the oil under the most sanitary conditions and under rigid scientific control. The buildings and equipment alone represent an investment of over £150,000.



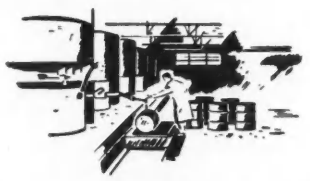
The initial blending and selection of the fresh oil is carried out in quantities of 250 tons by means of large 60,000 gallon mixing tanks to insure absolute uniformity of quality. The vitamin content of each filled tank averages 250 billion units of Vitamin A and 25 billion units of Vitamin D.



To meet production and marketing requirements, a large stock is always maintained. Row upon row of storage tanks are available for this purpose.

Medicinal oil must remain clear in cold weather. To insure this the oil is first frozen and the solid fat separated by modern filter presses and rotary filters.

Rigid control which begins in the Polar Seas and ends only with the final approval of the processed oil by the Control and Research Laboratories assures a more reliable, superior product. Complete equipment together with experimental animals for research and biological assay work are housed in a separate building.



From glass lined tanks the tested and approved oil is run off into bulk containers. Bulk filling is by weight.

* * * * *

As sole agents in the United States for British Cod Liver Oil Producers (Hull) Ltd. the Industrial Chemical Division of McKesson & Robbins, Inc. will be very pleased to receive your inquiries.

Sole U. S. Sales Agents

INDUSTRIAL CHEMICAL DIVISION

McKESSON & ROBBINS, INC.

155 EAST 44th STREET, NEW YORK 17, N. Y.

Chemical Surplus Sales Bring RFC 66 Percent

OPD Washington Bureau

Surplus chemicals reported to the Reconstruction Finance Corporation for disposal by the military services and other agencies of the government totaled $7,873,000 as of June 30, according to RFC July 28. Of this total $2,125,000 had been sold for $1,394,000, leaving a total of $5,748,000 remaining for disposal.

Included in the total acquisitions were $2,647,000 of industrial, fine, and related chemicals of which $570,000 had been sold for $349,000, leaving $2,077,000; $2,211,000 of paints, varnishes, lacquers, japans and thinners, of which $255,000 had been sold for $150,000, leaving $1,956,000; $1,327,000 of miscellaneous chemicals, including industrial chemical products and preparations, of which $295,000 had been sold for $134,000, leaving $1,032,000; and $1,688,000 of other chemicals, of which $1,005,000 had been sold for $761,000, leaving $683,000.

The report also showed that as of June 30, the RFC had acquired $45,925 of oils, fats and waxes under general classification No. 17, of which $1,743 had been sold for $1,453. Acquisitions of drugs and medicines (group 65) amounted to $86,929, of which $17,353 were sold for $3,944. Acquisitions of toiletries, soap, etc. (group 66) totaled $2,345, none of which had been sold.

Details of chemicals (group 19) acquisitions and sales follow:—

Basic inorganic chemicals and products (group 19-1), $90 acquired, $18 sold for $18, leaving $72.

Heavy chemicals (group 19-11), $131,432 acquired, $85,418 sold for $54,888, leaving $46,014.

Industrial fine and related chemicals

—*Continued on page 44*

Sulphuric Allocation Control Lifted Sept. 1

OPD Washington Bureau

Allocation controls on sulphuric acid will be lifted September 1 in thirty-seven States, and the chemical will be transferred to the miscellaneous chemicals order, M-340, the War Production Board has reported. Order M-340 assures the meeting of military requirements, but provides no priority assistance for the remaining needs of industry.

In the eleven remaining States, Washington, Oregon, California, Arizona, New Mexico, Nevada, Utah, Colorado, Wyoming, Idaho and Montant, ollocation control will be maintained in accordance with schedule 74 of M-300. Local problems in these Western States demand continuation of controls to assure satisfactory production and distribution of the chemical, WPB said.

The lifting of allocation controls of sulphuric acid in thirty-seven States was recommended by the Inorganic Acids Industry Advisory Committee at a recent meeting. This action is made possible by an improved supply of the acid resulting from military cutbacks and increased facilities.

Joins Penna. Salt

John E. Ohlson, formerly with Wyeth, Inc., Philadelphia, has been appointed senior chemical engineer of the Pennsylvania Salt Manufacturing Company, Philadelphia, according to an announcement by F. H. Walker, manager of engineering.

P.-A.'s-Eye View of Business

Composite view, August 5, of purchasing agents comprising the business survey committee of the National Association of Purchasing Agents

Midsummer reports from industrial purchasing agents show no major change in general business. There is nothing to indicate a marked change in conditions.

While war production is gradually declining, buyers still report business as excellent. Civilian requirements are beginning to take up facilities released by cutbacks and cancellations.

Increasing sales in the building industry are reported; cutbacks are adversely affecting the refractories business. Little change in the retail situation is indicated. The increase in newsprint has enabled publishers to accept more advertising and increase circulation.

In the Midwest further reductions in aircraft and shipbuilding are reported although ordnance requirements are slightly higher.

The effort to get under way on civilian goods continues, while plants at the same time keep the necessary war production up to schedule. With order bookings lower, it is encouraging to note the increased volume of new negotiations and the renewed activity in civilian lines which have been dormant since early 1942. More co-operation from Washington will aid reconversion. More confidence is needed.

While business on the West coast continues good, there is a general downward trend, apparently due to the reduction in the volume of war orders.

In Canada, business continues very good. Wartime projects are still operating to a considerable extent and there is a gradual change-over to postwar projects. The general volume of business appears to be limited only by the availability of materials and manpower.

Commodity Prices

A greater number of purchasing agents are now reporting no change in commodity prices, and there is a drop of approximately 50 percent in those reporting higher prices a month ago. This indicates at least a temporary check in advancing commodity prices.

While slight declines in raw and semifinished materials are reported, opinions indicate the expected trend for the future (particularly on finished goods for civilian consumption) will be upward. Weakness in the standard small tool and mill supply lines is noted.

Coast buyers, generally, report no change in their commodity price situation.

In Canada prices are firm with a tendency upward.

OPA apparently has the situation pretty well in hand, and prices are holding at ceilings. There are no indications as yet that we are close to a buyers' market. Commodities are still scarce, and as long as this situation prevails, prices will not decline. The uncertainty of wages and labor disputes seems more likely to exert pressure for higher prices from OPA.

Specific Commodity Changes

With little change in the overall commodity picture, there does not seem to be much weakness in the prices of particular commodities. Some exceptions are noted: aluminum, where a revised sheet price structure prevails, is a good example. Scrap prices probably will also show a tendency to weaken.

Higher bituminous coal prices are expected in district No. 2. Coal screenings are scarce due to slow sales of domestic sizes. Coke prices are expected to be higher.

Copper is somewhat easier, but tin and nickel are very tight.

Pig iron prices are expected to increase. Steel scrap (turnings) are stronger. A possible $2 per ton advance in cold-rolled steel prices is rumored.

A large manufacturer of valves and fittings has withdrawn all prices, without exception. What this may mean is not now apparent.

Lumber is still very tight. West coast buyers report very short supplies.

Fire clay and silica refractories were advanced 3 percent June 26 by OPA authorization.

Some food items, such as berries and tomatoes, are abnormally high for this season due to unfavorable weather. Meat distribution is very spotty. Cigarets are easing up. Soap powder and flakes are very tight; may be rationed.

Some small increases in chemical prices are indicated. Acetone and neoprene latex prices are reported lower. Mercury is lower. Hydrofluoric and nitric acids continue tight.

Screw machine production appears to be entering a competitive market. Price savings and lower production time are now reported.

Increased prices on pulpwood are expected to be followed by advances in pulp and paper.

The price of crossties advanced July 23, 1945.

Fuel oil production in West Texas has been increased by PAW. This increases supplies for the Japanese campaign, with no increase for civilians.

In Canada, a decrease in the meat supply appears likely. Rationing will be renewed September 1. An advance in the price of chestnut tanning extract from the United States is reported.

Inventories

Industrial inventories appear to be edging higher, with exceptional reports of lower stocks. Long surpluses should be avoided. For Fall and Winter production, however, large inventories of bituminous coal are advocated.

The delivery situation appears to be the main factor controlling inventories. Buyers hesitate to reduce inventories to far under the extended delivery schedules still prevailing. While war contracts are being cut back or terminated, the output in other lines is increasing more rapidly than the supplies of materials.

Fabricated equipment items are as difficult to obtain as they were two years ago.

Reports of sales exceeding sales estimates indicate many buyers will find inventories are too low for the stepped-up production.

Controls on many materials, such as resins and vegetable oils, prevent inventory increases.

The West coast reports some slight increase in inventories due to relaxed WPB regulations. Generally, however, the trend is downward. The loosening of the textile supply makes slightly higher inventories possible in cotton goods for bags. The probable importation of Swedish pulp, together with the abbreviated pulp allocation forms for the fourth quarter, indicate that pulp, at least temporarily, is approaching a happier and healthier position.

Canadian buyers report finished stocks almost nonexistent, especially in consumer goods. Raw materials are harder to obtain: corn sugar, paraffin wax, lithopone, and bicarbonate of soda are examples. Lumber continues to be very short due to increased housing activity.

Reports indicate that buyers are still very inventory-conscious, and endeavor to keep inventories at a minimum. With the downward tendency in war contracts and the slight improvement in deliveries, most material inventories are increasing.

Employment

The employment situation shows little change, with no surplus of labor and a positive shortage of skilled employees. The release of employees by cutbacks has apparently not helped the general labor situation.

In the upper Great Lakes shipbuilding area, where yards have practically completed their contracts, other industry has absorbed the better employees. Boys, older men, and women, however, are having trouble locating even lower-paying jobs.

Production in most plants is still being limited by available labor. Some areas reporting hundreds of unemployed, are still unable to secure sufficient help. Many workers appear more willing to draw unemployment pay than take jobs at lower pay than previously.

Maximum employment in the textile, tobacco, lumber, and agriculture industries in the southeastern area, is reported.

—*Continued on page 41*

Critical Materials List Revised by WPB

OPD Washington Bureau

The current revision of the list of critical materials and products compiled by the Joint Army, Navy and War Production Board Committee on Critical Materials and Products was announced July 28 by the War Production Board. Changing conditions of supply and demand, WPB said, necessitate frequent revision of this list. Items are eliminated or added as requirements for essential use change or as production of vital materials and products improves or declines.

To the critical list (those which are now or expected to be in short supply, limiting the production of essential items or the fulfillment of programs of high urgency) the Joint Committee has added for the first time a "surveillance" list consisting of items that are now in approximate essential demand-supply balance but which WPB believes must have preferential treatment in order to maintain their present position or which, by reason of some potentially increased demand, may become critical in the future.

This list of critical materials and products is distributed to all field offices of WPB, the chairmen of the production urgency committees and to all officers of the Army, Navy, and WPB having jurisdiction over matters of specification and design, procurement and conservation. It is used by them in determining when substitutions should be made or when special conservation measures or controls over production and distribution should be instituted. Also it is used by production urgency committees to determine on which products and which plants special expediting help in obtaining materials or manpower or transporta-

—*Continued on page 42*

Permutit Co. Sued As Cartel by U.S.

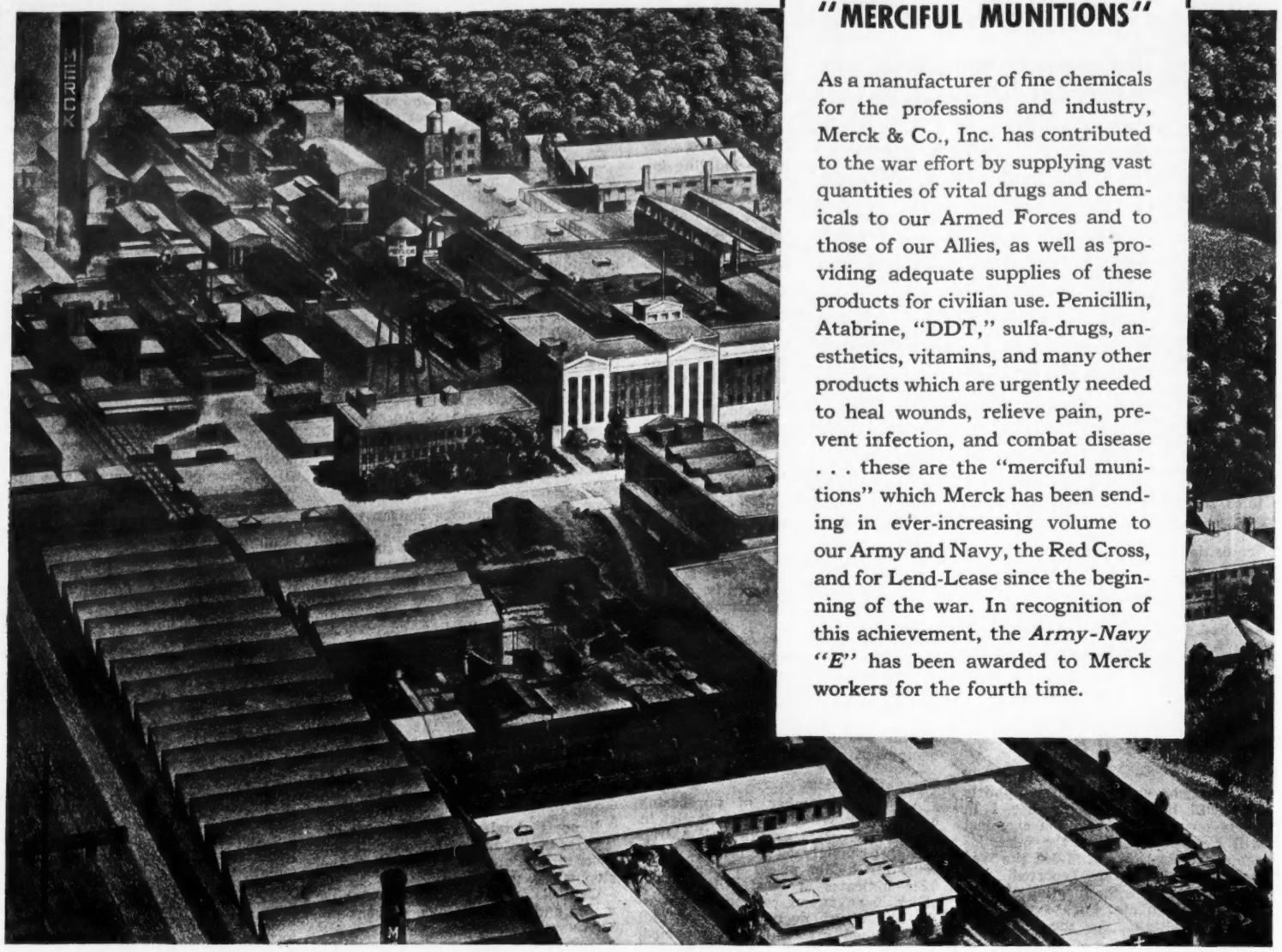
A civil action in the Federal District Court for the Southern District of New York has been filed, charging the Permutit Company and Spencer Robertson, its board chairman, with violations of the Sherman antitrust act in the sale of water conditioning apparatus and materials both within the United States and abroad. Five foreign companies were named as co-conspirators. They are:—

The Permutit Company, Ltd., London; Permutit Aktiengesellschaft, Berlin; Societe Anonyme Etablissements Phillips et Pain, Paris; Societe Anonyme Etablissements Phillips et Pain, Bruxelles and Purificadores de Aqua, S. A., Barcelona.

The complaint charges that the defendants and co-conspirators have for many years suppressed all competition between themselves by dividing the world into trade territories for the business of selling water conditioning equipment and materials and that each has agreed to grant exclusive patent rights and technical information to the firm to which each territory was allocated.

General Sales Manager

G. B. Hafer was recently appointed general sales manager of all divisions of the J. T. Baker Chemical Company, Phillipsburg, N. J. A typographical error in OPD for July 30 made him new head of laboratory chemical sales, a position which he had occupied for ten years.



ARSENAL OF

"MERCIFUL MUNITIONS"

As a manufacturer of fine chemicals for the professions and industry, Merck & Co., Inc. has contributed to the war effort by supplying vast quantities of vital drugs and chemicals to our Armed Forces and to those of our Allies, as well as providing adequate supplies of these products for civilian use. Penicillin, Atabrine, "DDT," sulfa-drugs, anesthetics, vitamins, and many other products which are urgently needed to heal wounds, relieve pain, prevent infection, and combat disease . . . these are the "merciful munitions" which Merck has been sending in ever-increasing volume to our Army and Navy, the Red Cross, and for Lend-Lease since the beginning of the war. In recognition of this achievement, the *Army-Navy "E"* has been awarded to Merck workers for the fourth time.

MERCK SULFONAMIDES

SULFANILAMIDE • SULFAPYRIDINE • SULFATHIAZOLE

These "merciful munitions"—in the development and production of which Merck & Co., Inc. has been privileged to play an important rôle—have rendered vital service both on the field of battle and at home.

THIS GROUP OF SULFONAMIDES IS EFFECTIVE AGAINST INFECTIONS PRODUCED BY:

Hemolytic Streptococci • Friedländer's Bacilli

Pneumococci • Gonococci • Staphylococci

Meningococci • Escherichia Coli

Lymphogranuloma Venereum • Certain Urinary Tract Infections

Trachoma • Chancroid

LITERATURE ON REQUEST

ARMY E NAVY

Speed the Victory with War Bonds

Make Merck Your Headquarters For Fine Chemicals

MERCK & CO., Inc. *Manufacturing Chemists* **RAHWAY, N. J.**

Current Market Quotations Chemicals and Related Materials

August 3, 1945

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).
Acetaldehyde,[4,6] 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs. .....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs. .....lb. .35 - .37
Acetic anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1,6] dms., c.l., dlvd. lb. .07 - .08
l.c.l., dlvd.....lb. .07½- .08½
tanks, dlvd.....lb. .06 - .07
Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —
Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms. .....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.68 - 1.75
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks..lb. .07½- —
Acetic,[1,6] com'l or redist., 28%, bbls..100 lbs. 3.38 - 3.63
50%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works, 100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.93 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51
USP, 36%, cbys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic anhydride,[6] (see Acetic anhydride).
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb.-lots.. .45 - —
smaller lots, same basis.. lb. .46 - .59
standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis.lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic,[6] fib. dms., works....lb. .26½- —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .20 - .22
Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
25-50-kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo lots.....kilo.26.41 - —
500 grams.....kilo.27.47 - —
Battery, cbys., c.l., E. works... 100 lbs. 1.60 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.55
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,000 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .58 - .59
Betaoxynaphthoic, bbls., works. lb. .95 - —
Boric,[2] tech., 99.5% cryst. (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00- —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld.. ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 90%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Broeners, bbls.....lb. 1.11 - —
Acid, cacodylic, bots.....lb.13.50 -15.50
Camphoric,[6] cns.....lb. 6.93 - 7.00
Caprylic, 90%, dms.....lb. No stocks
Capric, tech.,[7] ret. dms.....lb. No stocks
Castor oil,[1,7] split, ret. dms.lb Nominal
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic,[6] 99½-99¾%, dms., c.l., lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 3.50 Nom.
Citric,[6] anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs. 1 ship't, lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
USP, cryst., gran., bbls., c.l., lb. .20 - —
l.c.l., 10,000 lbs. 1 ship't, lb. .20½- —
smaller lots, bbls....lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
powdered citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,7] dist., dms....lb. .17½- .19½
Corn oil, s.l.,[1,7] dms., c.l., works..lb. .12 - —
Cottonseed oil,[1,7] s.d., ret. dms., c.l..lb. .12 - .13
tanks, dlvd.....lb. .11¼- .12¼
Cresylic,[2,6] dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
Petroleum, heavy grade (247°-298°), dms., 20, Cal. ref..gal. .490 - —
Sewaren, N. J., ref.. gal. .616 - —
1-19, Cal. ref.....gal. .510 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .50 - —
Sewaren, N. J., ref.. gal. .636 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ref.. gal. .696 - —
tanks, dlvd.....gal. .646 - —
Crotonic, bbls., Canadian, wks., lb. .25 - —
Dichlorophenyoxyacetic, cns., dms., works..lb. No stocks
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, 85%, cbys., c.l., wks..lb. .10 - —
l.c.l., works.....lb. .10½- .11
90%, cbys., c.l., works.....lb. .10½- —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
flb. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs. .....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys., dlvd. E..lb. .48 - —
tech., 48%, cbys., same basis, lb. .45 - —
34%, cbys.....lb. .35 - .37
Hyarochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
NF, dilute, 2%, 5-lb. bots..lb. .30 - .34
Hydrofluoric, anhyd., cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, acid basis, lb. .08½- —
Hypophosphorous, USP, djns., lb. .75 - .77
Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
smaller lots.....lb. .13 - .13½
80%, bbls., 5 or less.....lb. .24¼- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14¼- —
10 or less.....lb. .14¾- .15¼
80%, bbls., cbys., 5 or less, lb. .26 - .26½
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric,[3] dist., 95%, dms....lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[1,7] light, dms...lb. .21½- .22
Acid, maleic,[6] powd., dms.....lb. .30 - —
anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit ...lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloracetic, tech., flakes, 96-97%, dms..lb. .16½- —
purified, flake, 99%, dms..lb. .20 - —
Morosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., E. works....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
6-lb. bots., extra.....lb. .08½- —
Myristic,[3] dist., dms.....lb. No stocks
Naphthenic,[6] 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic, USP, dms.....kilo. 7.00 - 7.30
Nicotinic amide (see Nicotinamide)
Nitric,[6] 36°, cbys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E., works.100 lbs. 5.25 - —
10 to 24, works....100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .13 - —
7-lb. bots., cs., extra, lb. .15 - —
dealers, cbys. extra.....lb. .11½- —
7-lb. bots., cs., extra..lb. .13½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12¼- —
Palm oil,[3] white, dist., dms..lb. No stocks
tanks .....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls. works..lb. .80 - —
Peanut oil,[1,7] s.d., tanks, works, lb. .11¼- —
Phenylacetic, bots.....lb. 3.00 - 3.25
Phosphoric,[6] food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., c.l., works, frt. equald..100 lbs. 4.35 - 4.60
l.c.l., works, frt. alld., 100 lbs. 5.25 - 7.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lms. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.35
l.c.l., frt. alld....100 lbs. 7.00 - 9.50
tanks, works, frt. equald., 100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10¼- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns...lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.03
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls. dlvd. E.., gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1,7] s.d., dms., works, lb. .11¾- .16½
tanks, works.....lb. .11 - .15¾
Stearic,[1,7] double pressed, bgs., c.l., dlvd. E. Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., dlvd., lb. .16¾- —
single pressed, bgs., c.l., dlvd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .19¾- —
Texas and Okla., dlvd., lb. .15¾- —
triple pressed, bgs., c.l., dlvd. E. of Rockies..lb. .18¾- —
W of Rockies.....lb. .19¾- —
Texas and Okla., dlvd., lb. .19½- —

Stearic acid l.c.l. prices are:—Ton lots, ½c. per lb. higher; less than ton lots, 1c. higher.

Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., wks..lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric,[6] 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l. .....lb. 1.50 - 2.20
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
9-lb. bots., cs. extra..lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
9-lb. bots., cs. extra..lb. .08½- —
fuming, 20%, tanks, E. works, ton.19.50 - —
Acid, tannic, tech., bbls., dms..lb. .71 - .72
USP, fluffy, bbls., 1,000 lbs... lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs..lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric,[7] USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —
Thioglycolic, highly purified, bbls., cbys., basis 100%..lb. 3.50 - 7.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. kgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.15 - —
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile, dms., c.l., frt. alld. lb. .39½- —
l.c.l., works.....lb. .40 - .41
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1,7] USP, anhyd., cosmetic, dms., works..lb. .33 - .34
pharmaceutical, dms., works..lb. .32 - .33
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1,7] powd., bbls....lb. 1.97 - 2.05
granular, cryst., bbls....lb. 1.92 - 2.00
tech., cryst., bbls.....lb. 1.40 - 1.55
Alcohol, allyl, dms., c.l., dlvd.lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tankcars, dlvd. .....lb. .20 - —
Amyl[6] ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .65 - .75
dms. .....lb. .63 - —
Butyl, normal,[1,6] ferment., 111., ind. prod., dms., c.l., frt. alld..lb. .1980- —
l.c.l., frt. alld. E.....lb. .2030- —
tanks, frt. alld. E.....lb. .1880- —
tankwagons, frt. alld. lb. .1930- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E.....lb. .2000- —
tanks, frt. alld. E.....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E.....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

Normal butyl alcohol prices in West, ½c. per lb. higher.

secondary,[6] dms., c.l., dlvd. lb. .095 - —
l.c.l., dlvd.....lb. .10 - —
tanks, dlvd.....lb. .08¼- —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Capryl,[6] dms., c.l., works..lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.75 - 1.80
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 4.00 - 4.25
Denatured,[1,3,6] CD14, dms., c.l., works, E..gal. .57 - —
l.c.l., works, E.....gal. .59 - .62
tanks, E., dlvd.....gal. .50 - —

tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., dms., c.l., E. works..gal. .57 - —
l.c.l., works, E.....lb. .59 - .62
tanks, E. works.....gal. .50 - —
Anhydrous 3c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .55 - —
l.c.l., works, E.....gal. .59 - .60
tanks, E. works.....gal. .48 - —
SD23G (replaced by SD28H).
SD23H, dms., c.l.....gal. .56½- —
l.c.l., works, E.....gal. .58½- .61¼
tanks, E. works.....gal. .49½- —
SD29, denatured, with acetaldehyde, dms., c.l., E. works, gal. .56½- —
l.c.l., works, E.....gal. .60 - .63
tanks, E. works.....gal. .49¼- —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD23 plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .58 - —
l.c.l., works, E.....gal. .60 - .61
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[3,6] acetone-free, dms., c.l., dlvd..lb. .11¼- .14¾
l.c.l., dlvd.....lb. .12 - .15
tanks, dlvd.....lb. .10½- .13½
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb. .10 - .12½

Wartime Status of Materials

Applications of WPB, OPA and WFA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order (L order)
[4]—General Preference Order (M order)
[5]—Conservation Order (M order)
[6]—Allocation
[7]—War Food Order

Alcohol, ethyl[a], 190 pf., dms., c.l., works..gal.17.67 - —
l.c.l., works.....gal.17.70½-17.73½
tanks .....gal.17.60 - —
absolute, dms., c.l., works.gal.18.62 - —
l.c.l., works.....gal.18.65½-18.68¾
tanks .....gal.18.55 - —
Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl,[a] refd., dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Isopropyl,[2,a] refd., 91%, dms., incl., c.l., divd..gal. .38 - —
l.c.l., divd.....gal. .41 - —
tanks, divd.....gal. .31½- —
99%, dms., incl., c.l., divd..gal. .41½- —
l.c.l., divd.....gal. .44½- —
tanks, divd.....gal. .35 - —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms.....lb. 2.10 - —
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .65
Propyl, dms., works.....lb. .67 - .70
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia..lb. .55 - —
dms., c.l., Waverly, N. Y..lb. .40 - —
l.c.l, same basis.....lb. .50 - —
Aldol,[a] dms., works.....lb. .13 - .15
denaturing grade, dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.75 - 3.00
Algarobilla,[1] c.l., ex dock..... long-ton.67.50 - —
Algarobilla price based on ocean frt. at $12, insurance $1 per long ton.
Algin, bbls., fib. dms.....lb. .76 - 1.60
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .16 - .16½
Allyl bromide, cbys., 5,000 lbs., works..lb. .99 - —
smaller lots, works.....lb. 1.05 - 1.10
chloride, dms., c.l., divd....lb. .13½- —
l.c.l., divd.....lb. .14 - —
tanks, divd.....lb. .12½- —
Aloe, Cape, cs.....lb. .28 - .33
Curacao, kgs.....lb. .40 - .45
Socotrine, kgs.....lb. .47 - .48
Aloin, bbls., dms., kgs.....lb. 4.80 - 4.89
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks..gal. .82½- —
l.c.l., works.....gal. .84½- —
tanks, works.....gal. .79½- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l., works.....lb. .1390- —
tanks, works.....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, NF, peeled, bls...lb. .55 - .60
Alum, ammonia,[5] burnt, USP, bbls., kgs....lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil.100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Alum potash-chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina classified, grade, ground, kgs., works..lb. .35 - .67
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic, solu., 24%, bbls., dlvd..lb. .10½- .11
20%, bbls., dlvd.....lb. .09½- .10
Chloride, anhyd., com'l, dms., c.l., works..lb. .08 - .11
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., cryst., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¾- —
Fluoride, tech., bbls.....lb. .25 - —
Formate, solut., 12-20° Be, bbls., c.l., works..lb. .09½- —
l.c.l., works.....lb .10 - —
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
l.c.l., works.....lb. .033 - .040
light, bgs., dlvd.....lb. .14¼- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% Al (OH)₃, dms., 10,000 lbs. or more, f.o.b. ship't point, lb. .03 - .03¼
ton lots, same basis..lb. .03¼- .03½
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½%, Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .15 - .17
Laurate, precip., bbls.....lb. .25 - .26
Naphthenate,[6] 1.7% Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., ctn., c.l....lb. .23 - —
l.c.l.....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald... 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald... 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works, 100 lbs. 1.75 - —
l.c.l., works.....100 lbs. 2.00 - —
Trihydrate, heavy (see Alumina hydrate).
Aluminum, 98-99%, [3,4] c.l....lb. .15 - —
l.c.l.....lb. .15 - .16
Paste, lining, extra fine, 200-lb. dms..lb. .50 - .60
ink, 150-lb. dms.....lb. .71 - —
standard, 200-lb. dms.....lb. .38 - —
Powder, lining, extra fine, 150-lb. dms..lb. .93 - —
litho, 150-lb. dms.....lb. .57 - —
standard, 200-lb. dms...lb. .59 - —
rubber comp., 200-lb. dms..lb. .40 - —
unpolished, stand., dms....lb. .36 - —

Aluminum powd., varnish, stand., 300-lb. dms..lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz.13.50 - 14.00
Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
pure, cyls.....lb. .14½- —
refrigeration, tanks, works.ton.69.00 - —
Aqua, 26° cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l.....lb. .02½- —
tanks, works (NH_3 content). ton.63.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, frt. alld..lb. .43 - —
smaller lots, frt. alld....lb. .44 - .47
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .15½
Borate, gran., bbls., kgs.....lb. .1680- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .28 - —
dms.....lb. .29 - —
Carbonate, USP, lump, dms..lb. .08¼- .09½
cns.....lb. .14¼- .17¼
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms, kgs..lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms.....lb. .80 - .85
Fluoride,[6] bbls.....lb. No stocks
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms.....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs..lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, bgs., c.l., shipping point...ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech., bgs., works.....100 lbs. 4.35 - 4.50
bbls., works.....100 lbs. 4.55 - —
Nitrate-limestone,[6] 20.5% N. bgs., Hopewell, Va...ton.32.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, fine gran., bbls.....lb. .23 - —
dms.....lb. .25 - .29
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- —
monobasic, pure, bbls.....lb. .39 - .41
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- .08¼
Salicylate, NF, dms., kgs....lb. 1.15 - 1.18
Silicofluoride,[6] bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .08½- —
Suphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports...ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .09 - —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25

Ammoniac gum (see Gum, ammoniac).

Sal, gray, bbls., c.l., works..... 100 lbs. 5.50 - 5.75
l.c.l., works.....100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis.100 lbs. 5.15 - —
Amyl acetate,[6] ex fusel oil, tech., dms., c.l., dlvd..lb. .12¼- .16½
l.c.l., dlvd.....lb. .13 - .19
tanks, dlvd.....lb. .11½- .17½
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .90 - 1.00
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms, works.....lb. 1.10 - —
Salicylate, bots.....lb. .75 - 1.00
Stearate, dms., works.....lb. .42 - —
Amylene mixed, dms., c.l., works, lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, com'l, dms., works...lb. .657 - .682
NF, dms.....lb. 2.60 - 3.00
Angelica dom. atropurpurea root, bls..lb. .80 - 1.35
imported, bls.....lb. 2.50 - —
Angostura bark, bls.....lb. .21 - .22
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Bulgarian, bgs.....lb. No stocks
Cyprus, bgs.....lb. No stocks
Mexican, futures, bgs.....lb. .24½- .25
Syrian, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 3.25 - 3.35
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works...lb. .14½- .17½
Needle,[1,6] Bolivian, brown, 67%, cs..lb. .18½- —
Chinese, black, 70%, cs.....lb. .20 - .22
Oxide,[1,6] ceramic grade, bgs., c.l..lb. .15 - —
l.c.l.....lb. .15½- —
paint grade, bgs., c.l.....lb. .16¾- —
l.c.l.....lb. 16¾- —

Antimony salt,[1,6] 65%, dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide...bots.oz. 6.10 - 7.10
Argols,[7] min. 70%, bgs., shipment port, 100 kilos, 100% purity, kilo.80.00 -82.00
Arnica flowers, bls.....lb. 2.25 - 2.30
Arrowroot, powd., bgs., bbls...lb. .10 - .10¾
Arsenic,[6] chloride (arsenous), bots., lb. 1.55 - —
Metal, lump, c.l.....lb. No prices
Sulphide, yellow, bbls.....lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l.....lb. .04¾- —
Asafetida, cs.....lb. .58 - .60
powd., bbls., dms.....lb. .78 - .80
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Cana. mines, ton.49.50 - —
5R, bgs., same basis.....ton.44.60 - —
c.l., same basis.....ton.44.60 - —
6D, bgs., same basis.....ton.33.00 - —
c.l., same basis.....ton.33.00 - —
7D, bgs., same basis.....ton.28.50 - —
c.l., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
c.l., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
c.l., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
c.l., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
c.l., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
c.l., same basis.....ton.15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l.....ton.41.40 - —
Cuba A, bulk, c.l.....ton.60.00 - —
l.c.l.....ton.90.00 - —
B, bulk, c.l.....ton.38.50 - —
l.c.l.....ton.55.00 - —
Egyptian .....ton. No stocks
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.30.00 -32.00
270-295°F fusing point, bgs., mines..ton.30.50 - —
seconds, 300-390°F fusing point, not uniform, bgs., mines..ton.25.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton.30.50 - —
Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., works..lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton.30.50 - —
Mexican, refd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 5.75 - 6.15

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2,5] (see Cube root).
Barberry root bark, bgs.....lb. .90 - .95
Barbital, dms.....lb. 3.50 - 3.60
Sodium, dms.....lb. 3.75 - 3.85
Barium carbonate,[6] natural, 90% through 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate, kgs., works.....lb. .27½- .31
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst.,[6] bgs., c.l., works, ton.73.00 - —
l.c.l., works.....ton.78.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works .....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works...lb. .09½- .11½
l.c.l., works .....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .10 - —
l.c.l., works .....lb. .12 - .14
grd., dms., l.c.l., works....lb. .13 - .16
Peroxide (see Dioxide).
Silicofluoride, bbls. .....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots .....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls. .....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y. .....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% $BaSo_4$, bulk, mines..ton. 8.50 - —
Bauxite bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .72 - 1.00
Root, bls. .....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs.. works....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns. .....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tanks, E. of Omaha, frt. allo, up to 2c. per gal., gal. .15 - —
W. Coast, Minnequa, Colo..gal. .15 - —
Benzophenone, dms. .....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns....lb. .59 - .60
dms. .....lb. .55 - .56
Alcohol (see Alchol, benzyl).
Benzoate,[6] a.m.a., f.f.c., dms..lb. 1.00 - 1.10
Chloride,[6] cbys., frt. equal..lb. .22 - .24
Cinnamate, cns. .....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Propionate, bots. .....lb. 1.85 - 2.50
Salicylate, bots. .....lb. 1.90 - 2.15

Benzylidinacetone, bots. .....lb. 2.00 - 2.50
Benzylisoeugenol, bots. .....lb. 9.50 - —
Berberine bisulphate, cns.....lb. No stocks.
Hydrochloride, bots. .....lb. No stocks.
Sulphate, cns. .....lb. No stocks.
Berberis root. bls.....lb. .30 - .36
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works .....lb. .24 - —
Benzoate, fib. dms., works...lb. 1.75 - —
Salicylate. dms. .....lb. 5.00 - —
Betanaphthylamine, tech., works lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., works..lb. 1.60 - —
l.c.l., works.....lb. 1.85 - —
95%, works.....lb. 2.05 - —
98-99%, works.....lb. 2.20 - —
Betagammapicoline, dms., c.l., works..lb. .23½- —
l.c.l., works.....lb. .24½- —
Beth root, bls.....lb. .43 - .44
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., dms., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots. .....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb. cns.....lb. 2.54 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.74
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Black, acetylene,[8] bgs., c.l., works..lb. .14 - —
l.c.l., works.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .12 - —
3, bgs., bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —
Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.
Carbon,[1] channel, compressed, beads,[6] bgs., c.l., works..lb. .0525- —
l.c.l., dlvd. or whse..lb. .092 - —
uncompressed, regular, bgs., c.l., works..lb. .03625- —
l.c.l., dlvd. or whse.lb. .08 - —
ctns., l.c.l., dlvd. or whse..lb. .08 - —
Furnace, HMF, bgs., c.l., works..lb. .05 - —
ctns., l.c.l., whse.....lb. .07½- —
SRF, bgs., c.l., works...lb. .03½- —
ctns., l.c.l., whse.....lb. .06 - —
Thermatonic, bgs., c.l., works La..lb. .04 - —
l.c.l., whse. Trenton, N. J. lb. .06½- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14¼- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes (see Dyes).
Black haw root bark, bls....lb. .90 - .95
Tree bark, bls.....lb. .40 - .50
Black Indian hemp root, bls....lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.00 - —
direct process, bags, c.l., works..ton.70.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔% bbls., c.l., works, ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[3] dms., c.l., works—100 lbs. 2.50 - 2.10
l.c.l. works .....100 lbs. 2.75 - 3.00
Blood,[1,7] dried, 16-16½% ammon., bgs unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
l.c.l., Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .60 - .65
Blue,[1] aikali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
Toner, bbls., same basis.....lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Chinese, bbls., same basis...lb. .36 - —
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80%, bbls., same basis...lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron (see Blue, Chinese, Milori, Potash, Prussian, and Soda).
Milori, bbls., same basis.....lb. .36 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugutive, 100% color strength, same basis..lb. .52 -
permanent toner, green shade, molybdic, bbls., same basis..lb. 3.50 - —
tungstic .....lb. 4.00 - —

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Blue, potash, CP, bbls., same basis..lb. .42 - —
Prussian, bbls., same basis..lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine,[4] cobalt type, dry or pulp, bbls., same basis. lb. .23 - .27
jobbing type, dry, bbls., same basis..lb. .12 - .15
regular types, dry or pulp, bbls., same basis..lb. .17 - .27
Victoria, toner, molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —

Blue dry colors, divd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.

Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75
Bluetag root, bls.....lb. .45 - .50

Bluestone (see Copper sulphate).

Blue vitriol (see Copper sulphate).

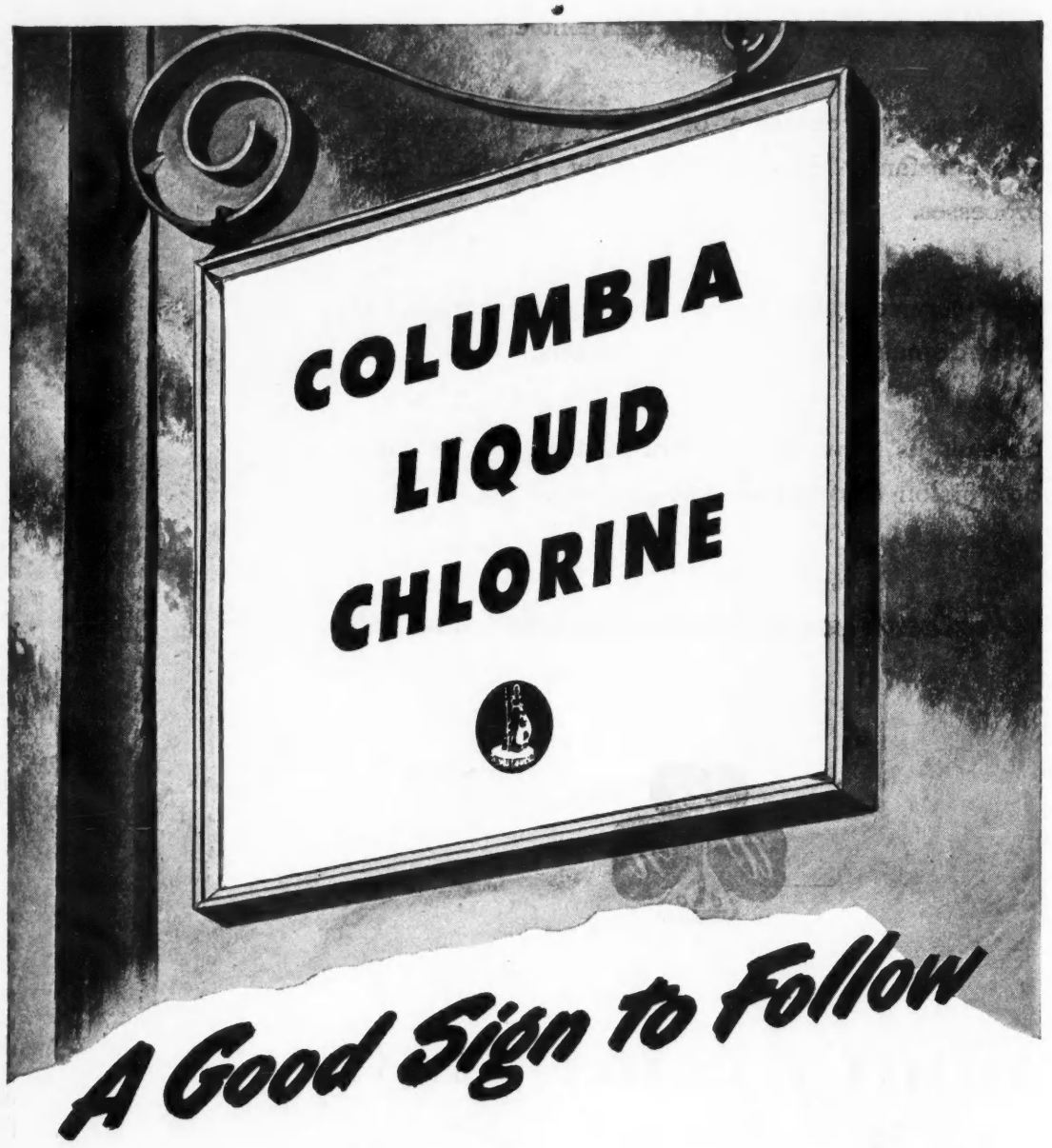
Bone,[7] raw, bulk, Chicago...ton.57.00 -65.00
junk, bulk, same basis....ton.35.00 - —
Meal, raw, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
Bone meal, steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works..ton.38.50 - —
Chicago, works.....ton.36.00 - —
Phosphate, defluorinated (see D).
Precipitated (see Calcium phosphate tribasic precip.).
Boneset leaves, bls.....lb. .14 - .15
Borage flowers, bls.....lb. No stocks
Borax,[3] tech., 99½% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld.. ton.50.00 - —
ten lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .28 - —
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A)
Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, cryutals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works. lb. .08¾- .10¾
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works. lb. .08 - .10
Umber, burnt, American, bbls., works..lb. .03¾- —
Italian type, bbls., works. lb. .04¾- —
Turkey-type, bbls., l.c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles. lb. .05½- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles. lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Brown, Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —
Bryonia root, bls.....lb. .60 - .65
Buchu leaves, bls.....lb. .83 - .85
Buckthorn bark, bls.....lb. .56 - .57
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .29 - .30
Burgundy pitch, dom., dms...lb. .08 - —
Butane,[1] indust., tanks, Group 3. gal. .03½- —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1895- —
l.c.l., same basis.....lb. .1945- —
tanks, same basis.....lb. .1795- —
tankwagons, same basis. lb. .1846- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis....lb. .1950- —
tanks, same basis.....lb. .10¾- —
secondary,[1,6] dms., c.l., divd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works...lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works.. lb. .35 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25½
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Propionate, dms., divd.....lb. .16½- .17
tanks, divd.....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.96
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,6] ingots or sticks, divd lb. .90 - —
pat. shapes, cs., divd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1,6] dms., 100 lbs. or more..lb. 2.80 - 2.85
smaller lots.....lb. 2.90 - 3.05
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.57
Calabar beans, bgs.....lb. .34 - .35
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., divd..... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse. works, frt. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08¼
Bromide, jars.....lb. .65 - .70
Carbide,[1,5,6] dms., c.l., works, ton.50.00 - —
divd. .....ton.87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .30
flake, 77-80%, paper bgs., c.l., divd..ton.18.50 -35.00
l.c.l., divd.....ton.28.50 -45.00
liquor, basis 40%, tanks, works .ton. 7.50 - —
solid, 73-75%, dms., c.l., divd., ton.18.00 -34.50
l.c.l., divd.....ton.28.00 -44.50

Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.

Cyanide, dms., delivered E. of Rockies..lb. .25 - .40
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .80
cns. .....lb. .70 - —
powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.75 - —
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, dms., lbs.....lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, USP, dense, fluffy, dm..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
less than 10, works.....lb. .08 - .10
medicinal, dibasic, bgs ..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frts. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06¼
tribasic, bbls., c.l., works..lb. .0635- —
bgs., l.c.l., works.....lb. .0645- .0680
Resinate, precip., 5.8% Ca, 100-lb. dms..lb. .15¼- —
Silicate, hydrated, c.l., bgs., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., ctn., c.l., works..lb. .25 - —
l.c.l., works.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide 70%, bgs., c.l., works, ton.45.00 - —
80.% bgs., c.l., works.....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 3%-4% Ca, 50-gal. dms., lb. .13¼- .19¼
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works, lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 3.25 - —
Calomel,[6] bbls., dms.....lb. 2.44 - 2.45
Camphor,[4] natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works..lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44¼- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb .48 - .55



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Camphor, synthetic, USP, gran., powd. bbls. 2,000-lb. lots, lb. .69 - —
1,000-lb. lots..lb. .70 - —
smaller lots..lb. .71 - —
tablets, 2,000-lb. lots..lb. .82 - —
1,000-lb. lots..lb. .83 - —
smaller lots..lb. .84 - —
Camphor monobromated, dms..lb. 3.20 - —
Canada balsam (see Fir balsam).
Cantharides..lb. No stocks.
Capsicum (see Pepper, red).
Capsicum oleoresin, USP VII, cns..lb. **4.50 - 4.65**
Caramel coloring, bbls..gal. .70 - 1.10
Caraway seed,[1] California, Dutch type, futures..lb. 1.10 Nom.
Canadian, futures, bgs..lb. .80 - .82
Morocco, dewhiskered, futures, bgs..lb. .72 - .73
Spanish, dewhiskered, bgs..lb. No stocks
Syrian, dewhiskered, futures, bgs..lb. .71½- .72
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller lots, works..lb. .85 - —
Carbinol, butyl, norm. dms., l.c.l., works..lb. .27 - —
secondary, dms., l.c.l., works, lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works..lb. .23½- —
tanks, works..lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis..lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis..lb. .08 - .08½
Dioxide, cyls..lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l. lb. .07½- —
l.c.l. ..lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .78 - —
l.c.l., frt. alld..gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld..gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld..gal. .87 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld..gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld..gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld..gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l., gal. .83 - —
l.c.l. ..gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. ..gal. 1.17 - —
USP, cbys..lb. .17 - .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho., Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.45 - 1.80
medium, cs..lb. 1.25 - 1.30
decorticated, cs..lb. .63 - .64
green, bgs..lb. .60 - .62
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units. .50 - —
research grade (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd..gram. 2.90 - —
in vegetable oil, 8,800 A units per gm., tins, works, 1,000,000 units. .55 - —
dms., works..1,000,000 units. .50 - —
Carvol, bots..lb. 22.50 -23.00
Cascara sagrada bark, bulk..lb. .40 - .41
Case-hardening mixture, 30% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l..lb. .08¾- —
Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis..lb. .24¼- —
less than 20, same basis, less than 20, same basis, lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .25½- —
20 to 99, same basis..lb. .25¾- —
less than 20 bags..lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .21 - .23
rennet-precip., unground, bgs., 100 bgs. or more..lb. .22½- .24½
Cassia,[1,7]..lb. No stocks
Cassia fistula, bskts..lb. .26 - .28
Castor beans,[7] bgs., Brazilian ports..long ton. 82.00 -83.00
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works, unit-ton. 2.90 - —
Castoreum, nat., cns..lb. 12.00 -13.00
synth., bots..lb. 19.00 - —
Catechol, CP, cryst., works, fib. dms., frt. alld..lb. 1.90 - —
resublimed, works, frt. alld., dms..lb. 3.25 - —
Catnep, bls..lb. .65 - .66
Celery seed,[1] Indian, bgs..lb. .25 - .25½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
granules, ctns., same basis..lb. .35 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld..lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
smaller pkgs. works....lb. .48 - —
medium (15.5 or 17.0%), 50 lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - —

Granules are 5c. per lb. higher, all quantities.

Acetate-propionate, flake, high (31.5%) propionyl content, 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works....lb. .48 - —

Granules are 5c. per lb. higher, all quantities.

Triacetate,[4,6] flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —

Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works..lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
bgs., smaller lots, works.lb. 2.00 - —
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works..lb. .02¾- —
paint and other industries, bgs., c.l., works..ton. 40.00 - —
papermakers, bgs., c.l., works, ton. 32.50 - —
rubbermakers, bgs., c.l., works, ton. 30.00 - —
Chamomile, Hungarian type, cs. lb. .38 - .45
Roman, bls...lb. No stocks
Charcoal, hardwood, lump, bulk, c.l., works..ton. 31.25 - —
bur. bgs., ret., c.l., works, ton. 31.00 -33.75
briquets, bulk, c.l., works... ton. 35.00 - —
bgs., c.l., works..ton. 40.00 -41.00
granular, all grades, bgs., incl., works..ton. 44.00 - —
screenings, bur. bgs., ret., c.l., works..ton. 23.65 - —
Pinewood,[1,6] lump, bgs., c.l., Southern shipping points... ton. 20.00 - —
granular, powd., bgs., c.l., works, South..ton. 30.20 - —
l.c.l., works..ton. 41.00 - —
Willow, powd., bbls..lb. .06 - .07
Chestnut extract,[1,6] standard 25% tannin, bbls., c.l., works..100 lbs. 3.22 - 3.55
l.c.l., works..100 lbs. 3.47 - 3.80
tanks, works..100 lbs. 2.62 - 2.95
powdered, 65% tannin, bags extra, c.l., works.100 lbs. 7.46 - 8.32
l.c.l., works..100 lbs. 8.21 - 9.07
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works..ton. 16.00 - —
bulk, c.l., works..ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works..ton. 9.50 -15.50
wet-grd., silkbolt, 99½%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works.ton. 12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton. 19.00 -24.00
powd., cks., l.c.l., ex whse.ton. 41.00 - —
Chloral hydrate, jars..lb. .93 - .98
dms..lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works..lb. .35 - —
1-lb. bots., ex whse..lb. 1.25 - —
Chlorine,[2,5,6] liquid, cyls., c.l..lb. .05¼- —
contracts..lb. .05¼- —
l.c.l. ..lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, wks., frt. equald.100 lbs. 2.50 - —
1. wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms..lb. .20 - .23
USP, dms..lb. .30 - .33
Chloropicrin, coml, 180-lb. cyls., works, frt. alld..lb. .80 - —
100-lb. cyls., same basis...lb. .82 - —
25-lb. cyls., ex whse..lb. 1.00 - —
1-lb. bots., ex whse..lb. 1.25 - —

Chromic chloride, fib. dms..lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms..lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 -
solut., 8%, bbls., cs..lb. .07½- —
7½%, bbls., cs..lb. .06½- —
Cake, bulk, c.l., works..ton. 16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton. 15.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots..lb. 6.02 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 ozs..oz. .80 + .13½[6]
Sulphate, NF, cns., 100 ozs..oz. .79 + .13½[6]

[6] See note on Quinine.

Cinchonine,[6] small, cryst., cns., 100 ozs..oz. .62 + .13½[6]
large, cryst., cns., 100 ozs..oz. .66 + .13½[6]
Sulphate, NF, cns., 100 ozs..oz. .42 + .13½[6]

[6] See note on Quinine.

Cinchophen, NF, heavy, dms..lb. 3.70 - 3.80
standard, dms..lb. 3.50 - 3.60
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cbys., cns., dms...lb. 1.50 - 2.25
Cinnamon,[1,7] Ceylon, O, bls., futures..lb. .5202- —
OO, bls., futures..lb. .5320- —
OOO, bls., futures..lb. .5407- —
OOOO, bls., futures..lb. .5494- —
No. 1, bls., futures..lb. .5145- —
2, bls., futures..lb. .5058- —
3, bls., futures..lb. .4958- —
4, bls., futures..lb. .4858- —
chips, bgs..lb. .56 Nom.
Citral, bots., cns..lb. 4.50 - 6.25
Citrine ointment, jars..lb. .95 - 1.15
Citronellal, bots., dms..lb. 2.75 - 3.25
Citronellol, bots., dms..lb. 6.00 - 7.00
Clove,[1] Madagascar, bls..lb. .16 - .16½
futures, bls..lb. .16 - .16½
Zanzibar, bls..lb. .17½- .18
futures, bls..lb. .17 - .17½
Clover tops, red, bgs..lb. .50 - .55
Coaltar,[6] coal-gas, crude, bbls., c.l., works..bbl. 8.25 - —
l.c.l., works..bbl. 8.75 - —
tanks, works..gal. .07½- —
refd., bbls., c.l., works..bbl. 8.75 - —
l.c.l., works..bbl. 9.25 - —
tanks, works..gal. .08½- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works..dm. 8.75 - —
refd., dms., c.l., works...dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾- —
feed grade, 49.5% Co, kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co, kgs...lb. 1.85 - —
Chloride, kgs., works..lb. .87½- —
feed grade, 24.5% Co, kgs..lb. 1.25 - —
Hydrate,[6] bbls..lb. 2.04 - —
feed grade, 62% Co, kgs...lb. 2.25 - —
Linoleate, paste, 5%, dms...lb. .32 - .35
solid, 8½%, dms..lb. .44 - —
Naphthenate, 6% Co, 50-gal.
Naphthenate,[6] 6% Co, 50-gal.
Nitrate, feed grade, 20.4% Co, kgs..lb. 1.25 - —
Oleate, bbls..lb. .44 Nom.
Oxide,[6] black, kgs..lb. 1.84 - —
Phosphate, feed grade, 34% Co, kgs..lb. 1.75 - —

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Cobalt, resinate, precip., 7.5% Co, 100-lb. dms..lb. .38½- —
Soyate, 8%-8.5% Co, 50-gal. dms..lb. .42 - .44
Sulphate,[4] dms.....lb. .65 - —
feed grade, 21% Co, kgs....lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-ammonium sulphate, 14% Co, kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Silver, Teneriffe, bgs.....lb. .38 - .39
Cocoa butter,[1,7] bulk, ship. pt..lb. .25 - —
Cocillana bark, bgs.....lb. No prices
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs..oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .15 - .16
blue, bls.....lb. .23 - .25
Colchicine, bots., cns.....oz. No stocks
Colchicum seed.....lb No stocks
Collodion, USP, dms.....lb. .19½- .20½
cns.....lb. .23 - .20½
Flexible, USP, dms.....lb. .21 - .22
cns.....lb. .25 - .31
Colocynth pulp, bls.....lb. .55 - .60
Colombo root, bls.....lb. .16 - .17
Coltsfoot leaves, bgs.....lb. No stocks
Condurango bark, bgs.....lb. .12 - .15
Copaiba balsam, Para, cns....lb. .47 - .49
S. A., USP, cns.....lb. .50 - .52
Copper acetate, basic, bbls., works..lb. .25½- —
smaller containers, wks..lb. .27 - —
Carbonate,[6] 52-54%, bbls....lb. .19½- .20½
Chloride,[6] anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14½- .17
Copper cyanide,[6] tech., bbls..lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,5,6] electrolytic.....lb. .12 - .12½
Naphthenate,[6] 6%-9% Cu., 50-gal. dms..lb. .15 - .17
Nitrate,[1] tech., cryst., bbls..lb. .19¼- .20¼
Oleate, precip., bbls.....lb. .22½- .23½
Oxide,[6] black, bbls., works..lb. .19 - .20
red, com'l, bbls., works....lb. .21 - .24½
Oxychloride-sulphate,[6] bgs....lb. .17 - .20
Resinate,[6] precip., 8.5% Cu., 125-lb. dms..lb. .15½- .16
Sulphate,[1,6] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
l.c.l., 700 to 36,000 lbs.. 100 lbs. 5.00 - 5.50
monohydrated, bgs., in dms., 36,000-lb. lots, dlvd..... 100 lbs. 10.20 - —
smaller lots, dlvd..100 lbs. 10.95 - —
dms., c.l., dlvd.....100 lbs. 8.95 - 9.20
l.c.l., dlvd.....100 lbs. 9.95 -10.20
Copperas, cryst., gran., bgs., c.l., works..ton. 17.00 - —
l.c.l., works.....100 lbs. 1.55 - 2.00
bbls., c.l., works.....ton. 20.00 - —
bulk, c.l., works.....ton. 14.00 - —
Copra,[7] Coast, Ship't.....lb. No prices
Coriander[1] seed, Argentine, bgs. lb. .09½- .10
Indian, bgs.....lb No stocks.
Morocco, bgs.....lb. .10½- .11
Cornsilk, bls.....lb. .31 - .32
Corn sugar, tanners, chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l., dlvd. 100 lbs. 3.825 - —
Syrup, 42° bbls., c.l., dlvd. 100 lbs. 4.221 - —
43°, bbls., c.l., dlvd..100 lbs. 4.271 - —
Corrosive sublimate,[6] cryst., dms., 50 lbs. or more..lb. 2.07 - —
gran., powd., dms., 50 lbs. or more..lb. 1.92 - —
Cottonroot bark, bls.....lb. 17 - .18
Cottonseed hull ash, 33-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Meal,[1,7] 41% protein, bulk, Memphis, c.l..ton. 46.00 -49.75
Coumarin,[1] cns., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .81
Cream of tartar, dom., USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .67½- —
smaller lots, bbls., kgs., lb. .58 - .58½
imported, bbls.....lb. .50 - .55
Creosote carbonate, bots., cbys., lb. 2.10 - 2.30
Coaltar (see Cresol).
Oil,[2] coaltar, crude, tanks, works..gal. .15½- —
refined, dms., c.l., works, gal. .247 - .3325
l.c.l., same basis....gal. .26 - .35
tanks, same basis....gal. .18 - .1850
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., same basis..lb. .10¾- .11¾
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, l.c.l., 55-and 110-gal. dms..lb. .15 - —
5 and 10-gal. dms., works.. lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., works..100 lbs. 9.50 - 9.75
bbls., l.c.l., works.....100 lbs. 10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
l.c.l., works.....lb. .09¼- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .25 - .26
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cutch, bgs.....lb. No stocks
Cyanamid,[5] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., same basis..unit-ton. 1.52½- —
Cyclohexane, tech., dms., c.l., works..lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09½- —
Cyclohexanol, 98 - 100%, dms., works..lb. .21 - .23
Cyclohexanone, 97½% min., dms., c.l., works..lb. .30 - .32
tech., dms., c.l., works.....lb. .30 - —
l.c.l., works.....lb. .30½- —
tanks, works.....lb. .29 - —
Cyclopropane, USP, cyls., dlvd., gal. .37 - —

D

Damiana leaves, bls.....lo. .18 Nom.
Dandelion root, bls.....lb. .48 - .50
Decanol,[6] normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .34 - .35
Defluorinated phosphate,[1] paper bgs., works..ton. 34.25 - —
Degras,[1,7] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls.....lb. .28 - .30
over 2% ffa, bbls.....lb. .26½- .28½
Derris root (see Cube root).
Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago.....100 lbs. 4.98 - —
l.c.l.....100 lbs. 5.39 - —
Chicago.....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago.....100 lbs. 4.68 - —
l.c.l.....100 lbs. 5.14 - —
Chicago.....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago.....100 lbs. 4.61 - —
l.c.l.....100 lbs. 5.07 - —
Chicago.....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l.....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grades, bots..lb. 5.00 - 9.50
laboratory grade, bots..... 100 grams. 4.50 - —
tech., bots., works.....lb. 3.00 - —
Diamyl ether (see Amyl ether)
Phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works.lb. .25 - —
Diamylamine, dms., c.l., works. lb. No stocks
l.c.l., works.....lb. No stocks
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific coast. ton. 22.00 -25.00
l.c.l., ex whse.....ton. 45.00 - —
purified, bgs., c.l., Atlantic coast..ton. 55.00 -59.00
l.c.l., ex whse.....ton. 85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic coast..lb. .02 - .03
l.c.l.....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2630- .2900
1-gal. cns., works.....lb. .2830- .3100
dms., c.l., works.....lb. .2080- .2350
l.c.l., works.....lb. .2130- .2400
tanks, works.....lb. .1980- .2250
Sebacate, dms., c.l., works.lb. .48 - .51
l.c.l., works.....lb. .50 - .52½
tanks, works.....lb. .46 - .50
Tartrate, dms., works, frt. allo., lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .66 - —
l.c.l., works.....lb. .69 - —
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equaled with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —
Diethyl carbonate, com'l, dms.lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .30½- —
l.c.l., dlvd.....lb. .31 - —
Diethyl phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l., dlvd.....lb. .2075- .2170
tanks, dlvd.....lb. .1925- .2050
Sulphate, dms., c.l., works...lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Diethylamine, dms., c.l., works.lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] dms., l.c.l., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
tanks, same basis.....lb. .13 - —
Monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Monoethylether,[6] dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. 1.10 - 1.15
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, natural cleaned, bgs., lb No stocks
decorticated, bgs.....lb. .14½- .15
dewhiskered, bgs.....lb. .09¾- .10¼
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .1875- —
l.c.l., dlvd.....lb. .1925- —
tanks, dlvd.....lb. .1775- —
Dimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .21 - —
l.c.l.....lb. .22 - —
Dinitrobenzene, bbls.....lb. .18 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .27 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin,[6] dms., ton lots, dlvd..lb. .44 - —
smaller lots, dlvd.....lb .46 - .47
Dioxan, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).

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Glutamic Acid Hydrochloride
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Dipentene,[1,6] dest. dist., dms., divd. E..gal. .55 - .56
tanks, divd. E.....gal. .45 - —
steam-dist., dms., divd. E..gal. .54 - .58
tanks, divd. E.....gal. .52 - .53
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[1,6] 42% tannin, c.l., U.S. ports, ex dock..ton.67.50 - —
Doggrass root, dom., cut, NF, bls..lb. .30 - .35
imp., NF, bls.....lb. .52 - .56
Dogwood, Jamaica, bark, bls..lb. .08 - .10
Dover's powder, USP, cns....lb. 2.75 - —
Dragon's blood, drops, cs.....lb. .55 - .60
reeds, c- .....lb. No stocks
Dyes, coaltar (certified colors for foods, drugs and cosmetics)—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
Green, FD&C green, No. 1, cns., lb.13.50 - —
FD&C green, No. 2, cns...lb.17.50 - —
Orange, FD&C orange, No. 1, FD&C orange, No. 2, cns..lb. 3.65 - —
cns..lb. 2.90 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 3.50 - —
FD&C yellow, No. 3, cns...lb. 2.65 - —
FD&C yellow, No. 4, cns...lb. 2.65 - —
FD&C yellow, No. 5, cns...lb. 3.15 - —
FD&C yellow, No. 6, cns...lb. 3.15 - —
Dyes, coaltar (certified colors for drugs and cosmetics)—
Black, D&C black, No. 1, cns., lb. 8.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns., lb.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 5, cns..lb. 8.35 - —
D&C orange No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
Red, D&C red, No. 8, cns...lb. 2.35 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —
Dyes, coaltar (certified colors for external use drugs and cosmetics)—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns., lb.10.35 - —
Ext. D&C red, No. 3, cns..lb.21.35 - —
Ext. D&C red, No. 8, cns..lb. 7.35 - —
Ext. D&C red, No. 10, cns.lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —
Dyes, coaltar, for general uses[5] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G...lb. .65 - .70
40 Chome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[6].....lb. .56 - .60
186 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
324 Direct fast scarlet...lb. 2.00 - 2.25
345 Chyrophemin G.....lb. .68 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
466 Benzo purpurin 10B..lb. .40 - .50
502 Direct azerin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Black—
865 Nigrosin derivatives...lb. .36 - .44
Blue—
7075 Alizarin astral base..lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1060 Anthraquinone,[6] violet base..lb. 6.00 - —
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Black—
248 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
878 Methylene gray.....lb. 1.50 - —
909 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10
Brown—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
332 Bismarck brown R....lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Mehhylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange—
10 Chrysodin G.....lb. .44 - —
21 Chrysodin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Red—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G..... .lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow—
10 Naphthol yellow S....lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Black—
864 Nigrosin .....lb. .36 - .44
Blue—
860 Indulin .....lb. .60 - .70
Brown—
331 Bismarck brown.....lb. 1.50 - —
Green—
637 Malachite green base.lb. 2.00 - —

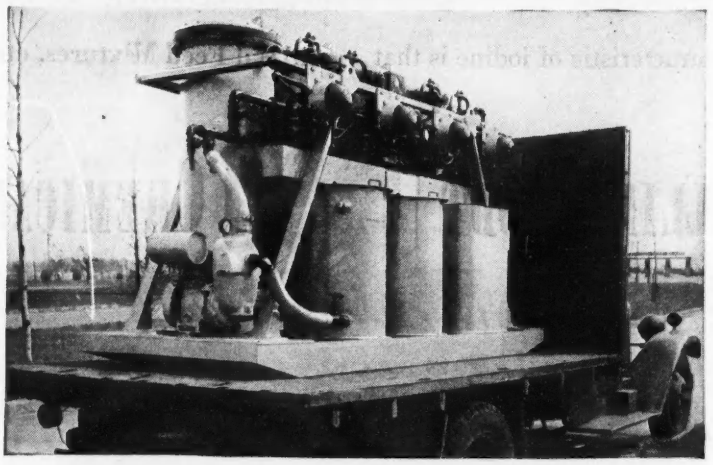
Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red—
677 Fuchsin, magenta, base, lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet—
680 Methyl violet base....lb. .85 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .75 - .80
Egg,[1,7] albumen (see Albumen).
Yolk,[1,7] dried, dom., bbls....lb. 1.03 - 1.09
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .60 - .65
Elecampane root, bls.....lb. .32 - .38
Elm bark, grinding, bls.....lb. .40 - .41
powd., bbls.. bxs.....lb. .50 - .51
select, bndls.....lb. .50 - .55
Emetine hydrochloride,[6] bots..oz.21.00 -33.00
Ephedra, bls.....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.95
Hydrochloride, tins.....oz. .95 - 1.45
Sulphate, tins.....oz. .95 - 1.45

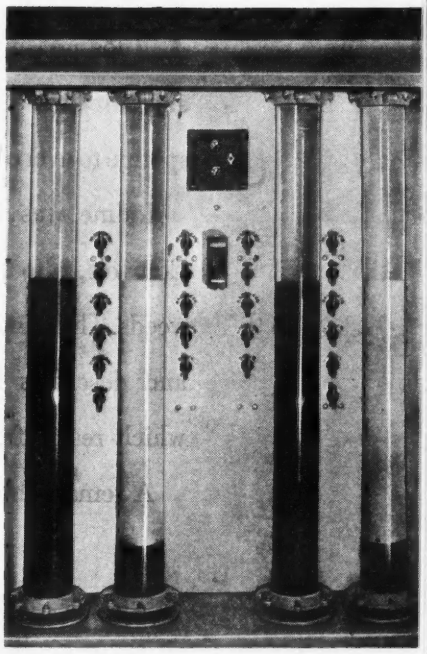
LIFE On The



FILT-R-STIL DEMINERALIZING UNITS UTILIZE ION EXCHANGE PRINCIPLE**

By means of ion exchange using Cyanamid IONAC* Resins, brackish water containing up to 4,000 parts per million, or even higher, of dissolved salts can be transformed into mineral-free water.

Equipment consists essentially of four treating columns containing IONAC resins. In the first column dissolved salt meets a cation exchanger which captures the sodium ion and frees the chloride ion. In the second chamber the chloride ions are removed by an anion exchanger. The cation exchanger in the third column splits any salts that have leaked through and removes the sodium ions. In the last column another anion exchanger absorbs any remaining free acids in the third bed. The resulting demineralized water may contain less than 2 parts per million of ionizable salt. It will be neutral, having a pH of 6.5-7.5.



(*Above*) **FILT-R-STIL "LAB" UNIT** rated at 30 gallons per hour to supply demineralized water for applications where water demand is small.

(*Left*) **FILT-R-STIL POTABLE WATER UNITS,** producing 150 to 600 gallons per hour, may be mounted on skids, movable by truck. Industrial water demineralizing units with larger capacities for special requirements are also available.

Ephedrine, synthetic, USP, anhydrous, bots., 100 ozs.	oz.	.65	—
hydrous, bots., 100 ozs.	oz.	.65	—
Hydrochloride, tin, 100 ozs.	oz.	.50	—
Sulphate, cryst., tins, 100 ozs.	oz.	.48	—
Epinephrine, synth., USP, sots.,	gram.	.75	—
Epsom salt, tech., cryst., bgs., c.l.	100 lbs.	1.80	- 1.95
l.c.l.	100 lbs.	2.15	- 2.40
dried, bgs.	lb.	.05½	—
l.c.l., bgs.	lb.	.04	- .07
USP, cryst., bgs., c.l.	100 lbs.	2.00	—
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.25	—
smaller lots	100 lbs.	2.50	—
bbls., c.l.	100 lbs.	2.10	—
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.35	—
smaller lots	100 lbs.	2.60	—
kgs., c.l.	100 lbs.	2.35	—
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.60	—
smaller lots	100 lbs.	2.85	—

Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

Ergot, USP, cs.	lb.	1.10	- 1.20
Eserine, bots.	oz.	No prices	
Sulphate, 1-gram vials	vial	2.10	- —
Ether, acetic (see Ethyl acetate).			
Amyl (see Amyl ether).			
Butyl, l.c.l., dms., dlvd.	lb.	.30	- —
Ethyl[6] (see Ether, sulphuric).			
Nitrous, conc., bot., 100 lbs.	lb.	.93	- 1.10
Sulphuric,[6] conc., dms.	lb.	.11	- .16
USP anesthesia, hospitals, 1-lb. cns.	lb.	.60	- .61
Ether, synthetic, dms., c.l., works.	lb.	.14½	—
l.c.l., works	lb.	.15½	—
tanks	lb.	.12½	—
Ethyl acetate,[2,6] 85-90%, dms., c.l., frs. alld.	lb.	.1170-	.1275
l.c.l., frt. alld.	lb.	.1220-	.1335
tanks, frt. alld.	lb.	.1070-	.1175
95-98%, dms., c.l., frt. alld.	lb.	.1225-	.1335
l.c.l., frt. alld.	lb.	.1275-	.1385
tanks, frt. alld.	lb.	.1125-	.1236
NF, dms.	lb.	.14½-	.15½
Acetoacetate, dms., c.l., works.	lb.	.37½	—
l.c.l., frt. alld.	lb.	.38	—
Benzoate, bots.	lb.	.90	- 1.00
Bromide, tech., dms.	lb.	.50	- .55
Carbamate, dms., dlvd. E.	lb.	.66	—
Chloride, tech., dms.	lb.	.18	- .20
USP, bbls., cyl.	lb.	.20	- .22
Cinnamate, cns.	lb.	3.25	- 3.85
Formate, dms., Agnue, Calif.,	lb.	.26	- .32
Iodide, bots.	lb.	3.50	- 3.60
Lactate, dms., works.	lb.	.32½	- .39½
Myristate, dms., works.	lb.	.55	- —
Oenanthate, dms.	lb.	1.50	- 1.75
Oleate, dms., l.c.l., works.	lb.	.47	- —
Oxalate, dms., frt. alld.	lb.	.33	- —
Silicate, dms., l.c.l., works.	lb.	.77	- —
Ethylcellulose,[3] pkgs., 5,000 lbs. or more, works.	lb.	.50	- —
smaller lots, works.	lb.	.52	- .60
Ethyldiethanolamine, dms., l.c.l., works.	lb.	.80	- —
Ethylene dichloride,[6] dms., c.l., works, frt. alld. E. of Rockies, frt. alld.	lb.	.0842-	—
West of Rockies.	lb.	.0901-	—
Ethylene dichloride, dms., l.c.l., works, frt. alld. E. of Rockies.	lb.	.0842-	—
West of Rockies.	lb.	.0941-	—
tanks, frt. alld. E. of Rockies,	lb.	.0743-	—
West of Rockies.	lb.	.0792-	—
Trichloride (see Trichloroethane).			
Ethyleneglycol,[3,6] dms., c.l., frt. alld. in E.	lb.	.10	- —
l.c.l., same basis	lb.	.11	- —
tanks, same basis	lb.	.09	- —
Monobutylether,[6] dms., c.l., works.	lb.	.17½	—
l.c.l., works	lb.	.18½	—
tanks, works	lb.	.16½	—
Monoethylether,[6] dms., c.l., works.	lb.	.15½	—
l.c.l., works	lb.	.16½	—
tanks, works	lb.	.14½	—
Monoethylether acetate, dms., c.l., works.	lb.	.13½	—
l.c.l., works	lb.	.14½	—
tanks, works	lb.	.12½	—
Monomethylether,[6] dms., c.l., works.	lb.	.16½	—
l.c.l., works	lb.	.17½	—
tanks, works	lb.	.15½	—
Ethylethanolamine, dms., c.l., works.	lb.	.57	- —
l.c.l., works	lb.	.60	- —
Ethylmonoethanolamine, l.c.l., dms., works.	lb.	.80	- —
Ethylmorphine hydrochloride, bots.	oz.	10.50	-10.75
Ethylvanillin,[1] cns., 5 lbs. or more.	lb.	5.25	- —
smaller lots.	lb.	5.50	- 5.60
Eucalyptol, cns., dms.	lb.	2.75	- 3.00
Eucalyptus leaves, bls.	lb.	.10	- .18
Eugenol, cns., dms.	lb.	2.65	- 3.25
Euphorbia, bls.	lb.	.12	- .13

F

Feldspar, enamel, 100 mesh, bgs., min. 2 tons.	ton.	17.00	-20.50
bulk, c.l.	ton.	14.00	-17.50
glass, 20 mesh, bgs., c.l., works, min. 2 tons.	ton.	12.75	-16.25
bulk, c.l.	ton.	9.75	-12.25
pottery, bgs., l.c.l., works, min. 2 tons.	ton.	20.00	-22.00
bulk, c.l., works.	ton.	17.00	-19.00
Fennel seed, Argentine, bgs.	lb.	.16½	- .17
Indian, bgs.	lb.	.16½	Nom.
Fenugreek, domestic, bgs.	lb.	.14	- .14½
Indian, bgs.	lb.	No stocks	
Morocco, bgs.	lb.	.07¾	- .08¼
Ferric sulphate, anhyd., bgs., c.l., works.	ton.	35.00	- —
l.c.l., works.	ton.	40.00	- —
Film scrap, colored, cs., works,	lb.	.13½	- .15
smaller lots, works.	lb.	.15	- —
water-white, cs., works.	lb.	.14½	- .17
smaller lots, works.	lb.	.17	- —
Fir balsam, Canada, cns.	gal.	16.00	-16.50
Oregon, bbls.	gal.	2.35	- 2.60
Fishberries, bgs.	lb.	.23	- .24
Fishliver oils (see Oil, fishliver).			
Fishmeal,[1,7] grd., 60% protein, bgs., E. works.	ton.	72.50	- —
65% protein, bgs., E. works,	ton.	78.50	- —
Fishscrap,[7] dried, 60% protein, bulk, East coast.	ton.	66.50	- —
Flake white, bbls.	lb.	.09	- —
kegs	lb.	.11	- —
Fleaseed, French type, black, bgs.	lb.	.62	- .64
Indian, blonde, bgs.	lb.	.12	- .13
Fluorspar, No. 1, ground, 96-98% CaF_2, bulk, c.l., mines, net	ton.	37.00	- —
washed, gravel, 70% or more CaF_2, c.l., bulk, mines.	ton.	33.00	- —
65%, c.l., bulk, mines.	ton.	32.00	- —
60%, c.l., bulk, mines.	ton.	31.00	- —
less than 60%, c.l., bulk, mines.	ton.	30.00	- —
Formaldehyde,[1,3,6] bbls., c.l., works.	lb.	.0520-	—
l.c.l., works.	lb.	.0570-	—
dms., extra, c.l., works.	lb.	.0460-	—
l.c.l., works.	lb.	.0510-	—
tanks, works.	lb.	.0320-	—
tanktrucks, dlvd. N.Y.C.	lb.	.0345-	—
Fringetree bark, bls.	lb.	.58	- .59
Fuller's earth, dom., powd., bgs., c.l., Fla., Ga. mines.	ton.	8.50	-15.00
Tex. mines.	ton.	12.50	- —
spent, bulk, Bayonne.	ton.	3.00	- —
Chicago	ton.	4.00	- —
imp., bgs., c.l.	ton.	30.00	-40.00
Furfural, ref., dms., c.l., works.	lb.	.15½	—
cns., dms., l.c.l., works.	lb.	.15½	- .20½
tech., dms., c.l., works.	lb.	.13	- —
l.c.l., cns., dms.	lb.	.15½	- .20½
tanks, works.	lb.	.09½	—
Fusel oil, crude, dms., works.	gal.	.75	- —
refd., dms., dlvd.	lb.	.18½	- .19½
Fustic extract, cryst., No. 1, bbls., l.c.l.	lb.	.25	- —
No. 1A, bbls., l.c.l.	lb.	.24	- —
No. 2, bbls., l.c.l.	lb.	.23	- —
No. 3, bbls., l.c.l.	lb.	.21	- —
liquid, No. 0, bbls., l.c.l.	lb.	.19	- —
No. 1, bbls., l.c.l.	lb.	.17½	- —
No. 2, bbls., l.c.l.	lb.	.16½	- —
No. 3, bbls., l.c.l.	lb.	.14	- —
solid, No. 1, bxs., l.c.l.	lb.	.20¾	- —

G

G salt, bbls.	lb.	.45	- —
Galangal root, bls.	lb.	.24	- .25
l.c.l., works.	lb.	1.75	- 2.50
Gambier, cube, Singapore, cs.	lb.	No stocks	
Extract, bbls.	lb.	No stocks	
Gammapicoline, 95%, dms., c.l., works.	lb.	1.35	- —
Gasoline[1] at refinery, ex tax, Arkansas, 70-74 octane, tanks,	gal.	.05¾	- —
Bayonne, 70-74 oct., tanks.	gal.	.09075	- —
Gulf Coast, 70-74 oct., tanks,	gal.	.05¾	- —
Group 3, 70-74 oct., tanks.	gal.	.05¾	- —
Pennsylvania, western, US motor, 70-74 octane, leaded, tanks.	gal.	.07¾	- .0805
natural, 26/70, Group 3, tanks,	gal.	.04½	- .04¾
Gelatin, silver label, ctns., dlvd.	lb.	.90	- .97
export, cs.	lb.	1.00	- —

Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.

Gelsemium root, bls.	lb.	.19	- .20
Gentian root, bls.	lb.	.34	- .35
grd., bbls., bxs.	lb.	.36	- .37
powd., bbls., bxs.	lb.	.37	- .38
Geraniol, 92-96%, cns., dms.	lb.	No prices	
Ginger,[1] African, No. 1, bls.	lb.	.16½	- .17
Calicut, bgs.	lb.	.18	- .18½
Romeo-type, bgs.	lb.	.18	- .18½
Cochin, bleached, bgs.	lb.	.19	- .19½
unbleached, bgs.	lb.	.17¼	- .17¾
Jamaica, No. 1, bgs.	lb.	.22	- .22½
No. 2, bgs.	lb.	.20	- .20½
No. 3, bgs.	lb.	.19	- .19½
Rhattoon, bgs.	lb.	.18	- .18½
Ginseng root, wild, South, cs.	lb.	8.00	- 9.00
Glaubers salt, anhyd. (see Soda sulphate).			
cryst., bgs., bbls., works.	100 lbs.	1.05	- 1.45
Glue, bone,[6] calcium type, 2e millipoise, 36 jellygrams, bgs., c.l., East of Midwest,	lb.	.16	- —
30/58, bgs., c.l., same basis.	lb.	.15½	—
58/82, bgs., c.l., same basis.	lb.	.17	- —
82/108, bgs., c.l., same basis.	lb.	.18½	—

Bone glue l.c.l. prices 1c. higher than c.l.

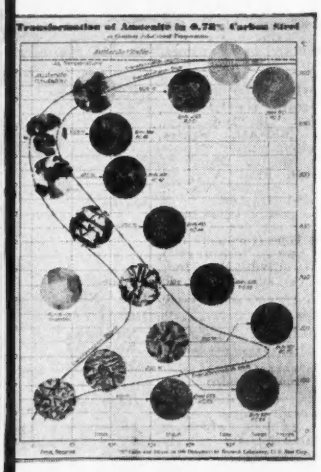
Hide,[1,6] 100-121 (jelly test in grams), bgs., c.l., dlvd.	lb.	.14	- .21½
122-149, bgs., c.l., dlvd.	lb.	.15	- .22½
150-177, bgs., c.l., dlvd.	lb.	.16	- .23½
178-206, bgs., c.l., dlvd.	lb.	.17	- .24½
207-236, bgs., c.l., dlvd.	lb.	.18	- .25½
237-266, bgs., c.l., dlvd.	lb.	.19	- .26½
267-298, bgs., c.l., dlvd.	lb.	.20	- .27½
299-330, bgs., c.l., dlvd.	lb.	.21	- .28½
331-362, bgs., c.l., dlvd.	lb.	.22	- .29½
363-394, bgs., c.l., dlvd.	lb.	.23	- .30½
395-427, bgs., c.l., dlvd.	lb.	.24	- .31½
428-460, bgs., c.l., dlvd.	lb.	.25	- .32½
461-494, bgs., c.l., dlvd.	lb.	.26	- .33½
495-529, bgs., c.l., dlvd.	lb.	.27	- .34½

Hide glue l.c.l. prices 1c. higher than c.l.; bbls., ½c. over bgs.

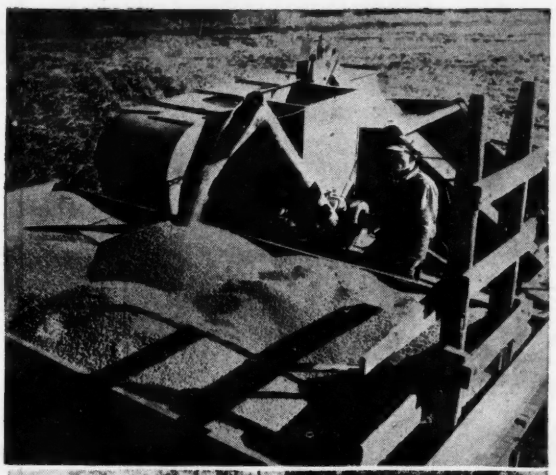
Glycerin,[7] crude, saponification, 88%, to refiners, tanks.	lb.	.12½	—
soapiye, 80%, tanks.	lb.	.11½	—
dynamite, dms., c.l.	lb.	.16½	—
l.c.l.	lb.	.17	—
tanks	lb.	.16¼	—

Chemical Newsfront

(Above) **SURPRISE PACKAGE!** One of the most interesting postwar improvements in frozen foods will be new wet-strength paper packages and wrappings. High wet strength, as well as wet-rub resistance, can now be imparted to any type of paper, from paperboard to fine tissue with PAREZ* synthetic resin developed by Cyanamid. Its success in essential war papers promises many improvements in future paper products.



(*Left*) **"S" CURVE AND PHOTOMICROGRAPH,** showing the transformation of austenite in 0.78% carbon steel during isothermal heat treating. A comprehensive, up-to-date reference list of "S" and "TTT" curves covering 187 different steels is included in a new metallurgic manual published by Cyanamid, "*Isothermal Heat Treating—Austempering • Martempering,*" and also the uses of a series of salt baths developed by Cyanamid for heat treating, AEROHEAT** 1000 and 1200 for heating and AEROHEAT 300 and 400 for quenching.



(*Above*) **FROM THE SOYBEAN FARMS OF AMERICA** to the olive groves of the Mediterranean and from other far and varied latitudes, stretch the sources of supply on which Cyanamid draws for its production of sulphonated oils for the textile and other industries. In normal times, tea seed oil is imported from China, cocoanut oil from the Pacific islands, babassu and rapeseed oil from South America, sperm oil from the Arctic. Domestic oils include castor oil, peanut oil, corn oil, cottonseed oil, and soybean oil. All oils are carefully processed to assure high quality and uniformity.

*Reg. U. S. Pat. Off.
**Trade-Mark

American Cyanamid & Chemical Corporation

A Unit of American Cyanamid Company

30 ROCKEFELLER PLAZA · NEW YORK 20, N. Y.

Glycerin, high gravity, dms., c.l.	lb.	.16¾-	—
l.c.l.	lb.	.17¼-	—
tanks	lb.	.16¾-	—
ref., USP, CP, 95%, dms., c.l.,	lb.	.17¼-	—
l.c.l.	lb.	.17¾-	—
tanks	lb.	.17 -	—
B. P., 98%, dms., c.l.	lb.	.17¾-	—
l.c.l.	lb.	.18¼-	—
tanks	lb.	.17½-	—
yellow, distilled, dms., c.l.	lb.	.14¾-	—
l.c.l.	lb.	.17½-	—
tanks	lb.	.16¾-	—
Glycine, USP, bbls., cns.	lb.	1.25 -	1.80
Glycol boriborate, dms.	lb.	.22 -	—
Stearate, dms.	lb.	.26 -	—
Gold chloride, acid-brown, bots.	os.	18.75	-19.00
acid-yellow, bots.	os.	20.75	-21.00
Gold-soda chloride, photo., bots.,	os.	13.00 -	—
USP IX, bots.	os.	14.50	-14.75
Goldenseal root, bls.	lb.	7.85 -	8.00
powd., bxs.	lb.	8.10 -	8.35
Gold of pleasure seed, bgs.	lb.	No stocks	
Grains of paradise, bgs.	lb.	.30 -	.37
Graphite, dom., crystalline, 50% through 50 mesh, graphitic carbon content 65-70%, bgs., whse.	lb.	.04½-	—
70-75%, bgs., same basis,	lb.	.05 -	—
75-80%, bgs., same basis,	lb.	.05½-	—
80-85%, bgs., same basis,	lb.	.06 -	—
85-90%, bgs., same basis,	lb.	.07 -	—
90% and up, same basis,	lb.	.08 -	—
Grease, house,[1,7] loose	lb.	.08¼-	—
White, choice, loose	lb.	.08¾-	—
Wool (see Adeps lanae and Degras).			
Green, brilliant,[1] thioflavin toner, molybdic, kgs., works	lb.	3.25 -	—
tungstic, kgs., works	lb.	3.75 -	—
Chrome,[1,6] CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis	lb.	.23 -	—
15%, bbls., same basis	lb.	.25 -	—
20%, bbls., same basis	lb.	.25½-	—
21-25%, bbls., same basis	lb.	.26 -	—
26-30%, bbls., same basis	lb.	.26½-	—
31-35%, bbls., same basis	lb.	.27½-	—
36-40%, bbls., same basis	lb.	.29 -	—
41-45%, bbls., same basis	lb.	.30½-	—
46-50%, bbls., same basis	lb.	.33 -	—
reduced color, 5%, bbls., same basis	lb.	.06¾-	—
9-10%, bbls., same basis	lb.	.07½-	—
11-13%, bbls., same basis	lb.	.08 -	—
14-16%, bbls., same basis	lb.	.08¼-	—
17-19%, bbls., same basis	lb.	.08½-	—
20-21%, bbls., same basis	lb.	.08¾-	—
22-23%, bbls., same basis	lb.	.09 -	—
24-25%, bbls., same basis	lb.	.09¼-	—
26-27%, bbls., same basis	lb.	.09½-	—
28-29%, bbls., same basis	lb.	.10 -	—
30-31%, bbls., same basis	lb.	.10¼-	—
32-33%, bbls., same basis	lb.	.12 -	—
34-35%, bbls., same basis	lb.	.13 -	—
36-40%, bbls., same basis	lb.	.14 -	—
41-45%, bbls., same basis	lb.	.17 -	—
46-50%, bbls., same basis	lb.	.17½-	—
51-55%, bbls., same basis	lb.	.18 -	—
56-60%, bbls., same basis	lb.	.18½-	—
61-65%, bbls., same basis	lb.	.19 -	—
70%, bbls., same basis	lb.	.20 -	—
Green, chrome, C.P., reduced color, 71-75%, bbls., same basis	lb.	.21 -	—

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

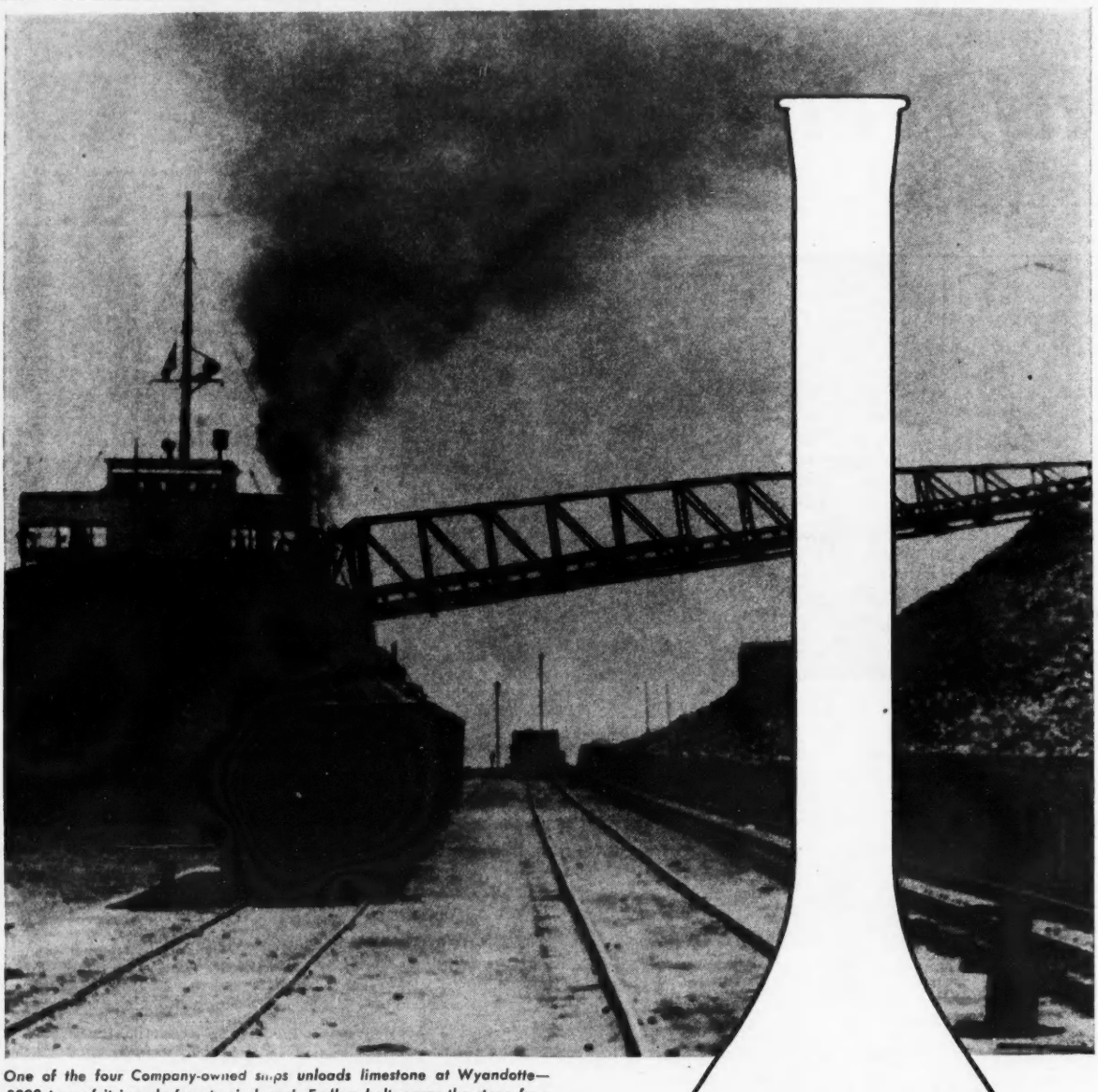
Green, chrome oxide,[6] pure, dms., works	lb.	.24 -	—
Malachite, thioflavin toner, molybdic, bbls., works	lb.	3.00 -	—
tungstic, bbls., works	lb.	3.50 -	—
Phthalocyanin,[4] tetrahydroxide (hydrated chromium oxide), bbls., works	lb.	.85 -	—
toner, bbls., works	lb.	4.00 -	5.00
Paris (see P).			
Tungstated, brilliant, kgs.	lb.	3.00 -	—
emerald, kgs.	lb.	2.60 -	—
Verdigris (see V.)			
Green dyes (see Dyes, coaltar).			
Grindelia robusta, bls.	lb.	.18 -	.19
Guaiac resin, cs.	lb.	.48 -	.49
Wood, bls.	lb.	.05 -	.06
Guaiacol, liquid, fib. dms.	lb.	1.75 -	2.01
Carbonate, dms.	lb.	2.40 -	2.74
Guanidin carbonate,[1] bbls., c.l., works	lb.	.57 -	—
l.c.l., works	lb.	.58 -	.73½
Guarana, powd., cs.	lb.	2.00 -	2.10
Gum accroides (see Gum, yacca).			
Aloe (see A).			
Ammoniac, tears, cs.	lb.	1.20 -	1.28
Arabic, amber, sorts, bgs.	lb.	.11 -	.11½
white, sorts, 1, bgs.	lb.	.28 -	.30
Asafetida (see A).			
Asphaltum (see A).			
Benzoin, Siam, cs.	lb.	3.00 -	3.50
Sumatra, cs.	lb.	.52 -	1.00
Gum, camphor (see C).			
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse.	lb.	.55¾-	—
31, bgs., c.l., same basis	lb.	.21½-	—
32, bgs., c.l., same basis	lb.	.16¾-	—
33, bgs., c.l., same basis	lb.	.14¾-	—
34, bgs., c.l., same basis	lb.	.09¾-	—
35, bgs., c.l., same basis	lb.	.15¾-	—
36, bgs., c.l., same basis	lb.	.12¾-	—
37, bgs., c.l., same basis	lb.	.18¾-	—
38, bgs., c.l., same basis	lb.	.12¾-	—
39, bgs., c.l., same basis,	lb.	.10¾-	—
40, bgs., c.l., same basis,	lb.	.08½-	—
41, bgs., c.l., same basis,	lb.	.11¾-	—
unsorted, No. 1, bgs., same basis	lb.	.15¾-	—
2, bgs., c.l., same basis	lb.	.13½-	—
3, bgs., c.l., same basis	lb.	.12¼-	—
FAD, bgs., c.l., same basis	lb.	.15¾-	—
East India,[1] Batu, bold, scraped, c.l., same basis	lb.	.10½-	—
unscraped, same basis	lb.	.09 -	—
chips, same basis	lb.	.05¾-	—
dust, same basis	lb.	.05½-	—
Momboyo, No. 1, bgs., c.l., ex dock or port, whse.	lb.	.13½-	—
nubs and chips, same basis.	lb.	.05¾-	—
black, bold, scraped, bgs.,	lb.	.12 -	—
unscraped	lb.	.07½-	—
nubs and chips, same basis	lb.	.07¼-	—
pale, Hiro-Macassar,[1] bold, bgs., c.l., same basis	lb.	.17¾-	—
chips, same basis	lb.	.11½-	—
dust, same basis	lb.	.05½-	—
nubs, same basis	lb.	.13¾-	—
Singapore, Rasak, bold, bgs., same basis	lb.	.23¾-	—
chips, same basis	lb.	.11¾-	—
dust, same basis	lb.	.05½-	—
nubs, same basis	lb.	.16¾-	—
Macassar,[1] dust., bgs., c.l., same basis	lb.	.07¾-	—
MA, same basis	lb.	.09¾-	—
MB, same basis	lb.	.09¼-	—
WS, bgs., same basis	lb.	.11¾-	—
Manila, Boeas,[1] hard, bold, amber, light, bakts., c.l., same basis	lb.	.13½-	—
dark, light, same basis	lb.	.14½-	—
white, same basis	lb.	.15½-	—
Loba,[1] A, bgs., c.l., same basis	lb.	.14 -	—
B, same basis	lb.	.13¾-	—
C, same basis	lb.	.13¾-	—
CBB, same basis	lb.	.12 -	—
CNE, same basis	lb.	.10 -	—
D, same basis	lb.	.12¾-	—
DBB, same basis	lb.	.11 -	—
DK, same basis	lb.	.09¼-	—
DU, same basis	lb.	.08¾-	—
dust, same basis	lb.	.07¾-	—
WB, same basis	lb.	.09¼-	—
WS, same basis	lb.	.11¾-	—
Manila-Singapore[1] white split chips, bgs., c.l., same basis	lb.	.15½-	—
dust, same basis	lb.	.07¾-	—
whse., entry point, c.l.	lb.	.08¾-	—
	lb.	.08¾-	—
Philippine,[1] Manila, extra bold and bold, pale, scraped, bakts., same basis	lb.	.15 -	—
extra bold, sorts, bgs., c.l., same basis	lb.	.12¾-	—
pale chips, bold, same basis,	lb.	.13 -	—
nubs, WCB, same basis	lb.	.13¾-	—
seeds, dust, same basis	lb.	.08¾-	—
SG, same basis	lb.	.10¼-	—
small chips, same basis	lb.	.11¾-	—
Pontianak, bold, scraped, bgs., c.l., same basis	lb.	.23¾-	—
mixed, same basis	lb.	.17¾-	—
chips, small, same basis	lb.	.12¾-	—
cuttings of split, same basis,	lb.	.19½-	—
nubs, same basis	lb.	.13 -	—

Gum copal, l.c.l., prices ¼c. to ½c. higher.

Dammar,[1] Batavia, A, cs., c.l., same basis	lb.	.35¾-	—
A/C, same basis	lb.	.31¼-	—
A/D, same basis	lb.	.28¾-	—
A/E, same basis	lb.	.25¾-	—
B, same basis	lb.	.34¾-	—
C, same basis	lb.	.28¾-	—
D, same basis	lb.	.25¾-	—
E, same basis	lb.	.18¾-	—
F, same basis	lb.	.18¾-	—
dust, same basis	lb.	.13¾-	—
Singapore,[1] No. 1, c.s., c.l.	lb.	.30¾-	—
2, bgs., same basis	lb.	.25 -	—
3, bgs., same basis	lb.	.12¾-	—
chips, cs. same basis	lb.	.23½-	—
dust, bgs., same basis	lb.	.13 -	—
seeds, cs., same basis	lb.	.17¾-	—

Gum, dammar, l.c.l., prices, ¼c. to ½c. higher.

Elemi,[1] ns., c.l., ex dock or whse. entry port	lb.	.00½-	.09¾
Ester, gum-rosin, type[1,4] dms., c.l., dlvd. Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va.	lb.	.1185-	—
l.c.l., dlvd. Ill., etc.	lb.	.1210-	—
other points, same basis,	lb.	.1285-	—
wood rosin type (formerly designated as "ordinary"), dms., c.l., dlvd. Ill., Ind., etc.	lb.	.095 -	—
Euphorbium, cs.	lb.	1.50	Nom.
Galbanum, cs.	lb.	1.60 -	1.65
Gamboge, pipe, cs.	lb.	No stocks	
powd., bbls.	lb.	No stocks	
Ghatti, bgs.	lb.	.25 -	.46
Guaiac (see Guaiac resin).			
Karaya, bbls., bxs., dms.	lb.	.15 -	.46
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse.	lb.	.18 -	—
80%, same basis	lb.	.16 -	—
dust, same basis	lb.	.12½-	—
nubs, same basis	lb.	.24 -	—
No. 1, extra, same basis	lb.	.34 -	—
superior, same basis	lb.	.31 -	—
No. 2, extra, same basis	lb.	.30 -	—
superior, same basis	lb.	.27½-	—
No. 3, same basis	lb.	.23 -	—
x, same basis	lb.	.36 -	—
2x, same basis	lb.	.49 -	—
3x, same basis	lb.	.77 -	—
bush, assorted, same basis	lb.	.35 -	—
bold, same basis	lb.	.40 -	—
bright, same basis	lb.	.19 -	—
chips, same basis	lb.	.32 -	—
dark, same basis	lb.	.18 -	—
white, chips, pale, same basis,	lb.	.20¾-	—
extra, same basis	lb.	.25½-	—
dust, pale, same basis	lb.	.20¾-	—
extra, No. 1, same basis	lb.	.43 -	—
No. 2, same basis	lb.	.31 -	—
No. 3, same basis	lb.	.30 -	—



One of the four Company-owned ships unloads limestone at Wyandotte—8800 tons of it in only four to six hours! Endless belts carry the stone from the freighter's hold to an elevator, and thence to one of the largest movable booms in use on the Great Lakes.

STONE AHOY!

Wyandotte
REG. U. S. PAT. OFF.

WYANDOTTE CHEMICALS CORPORATION
MICHIGAN ALKALI DIVISION • WYANDOTTE, MICHIGAN

Vital to Victory Today—Ready to Work for a Greater Tomorrow

WYANDOTTE CHEMICALS CORPORATION

ONE OF THE WORLD'S GREAT PRODUCERS OF CHEMICALS

SODA ASH
CAUSTIC SODA
BICARBONATE OF SODA
CALCIUM CARBONATE
CALCIUM CHLORIDE
CHLORINE
HYDROGEN
SODIUM ZINCATES
AROMATIC INTERMEDIATES
DRY ICE
Other Organic and Inorganic Chemicals

Celanese* Chemicals

View of fractionating towers in the chemical plant of Celanese Corporation of America at Chemcel, near Bishop, Texas. Among the chemicals manufactured here are acetic acid, acetic anhydride, methanol, formaldehyde and hexamine.

The proof of Celanese research is in expanded production

THE PROGRESS of Celanese research in synthetics—the ever-increasing search for new materials precisely suited to advanced industrial needs—is demonstrated by the latest addition to Celanese production facilities, a new chemical plant near Bishop, Texas.

This modern plant, where some units are already beginning operation, is close to important sources of petroleum and natural gas, the major raw materials for synthetics. This expansion in the important hydrocarbon field will greatly increase the potentials of Celanese research and production.

Acetaldehyde, acetone, formaldehyde and methanol are among the base chemicals that will be produced by the most modern methods. Conversion of these basic chemicals into various advanced compounds can serve a broad range of important industrial uses.

For instance, resins, adhesives, lacquers and plasticizers for the ever-growing plastics and electronics fields—for synthetic rubber, paper products, packaging, textiles and many others. In addition—preservatives, essential oils, dyes, specialized solvents and cleaning compounds, emulsions of many types, advanced chemicals for the drug industry.

In these applications Celanese research will meet the demands of chemical engineers with the same precision demonstrated in those versatile products, the Celanese organic phosphates—Lindol*, Lindol E.P., Lindol M.P., Celluflex* and Cellulube*.

PLASTICIZERS

ORGANIC PHOSPHATES

LUBRICANT ADDITIVES

INTERMEDIATES

DYE-STUFFS

It is to individual requirements of industry that Celanese research is especially devoted. Inquiries are welcome in terms of specific objectives. Celanese Chemical Corporation, a division of Celanese Corporation of America, 180 Madison Avenue, New York 16, N. Y.

*Reg. U. S. Pat. Off.

CELANESE CORPORATION OF AMERICA • TEXTILES • PLASTICS • CHEMICALS

Gum, kauri, superior No. 1, same basis..lb. .41 - —
No. 2, same basis.....lb. .31 -
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls....lb. .60 - .65
Mastic, cs.....lb. 3.00 Nom.
Myrrh, cs.....lb. .60 - .95
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[3] casks.....lb. .97½- .99½
Scammony, cs.....lb. 1.30 - 1.35
Talba, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 3.90 - 4.00
No. 2, cs.....lb. 2.75 - 2.85
No. 3, cs.....lb. 2.15 - 2.25
Yacca,[4] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald.....ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N.Y., frt. equald..ton.28.25 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., c.l., Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.10.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Gypsum, plaster of paris, Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt equald..ton.13.00 - —
Southard, Okla.., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equal. ton.12.50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, Portsmouth, N. H.; Roton, Tex.; Southard, Okla.; Sweetwater, Tex.; frt. equald....ton. 8.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y., works..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla., works, ton.13.00 - —

H

Hawthorn berries, bgs.....lb. .57 - .60
Helliotropin, cryst., cns.....lb. 2.95 - 4.00
Hellebore, white, powd., bbls..lb. .43 - .47
Helonias root, bls.....lb. 2.50 - 2.75
Hematine extract, cryst., No. 0, bbls., l.c.l..lb. .41 - —
No. 1, bbls., l.c.l.....lb. .40 - —
No. 1A, bbls., l.c.l.....lb. .37 - —
No. 2, bbls., l.c.l.....lb. .36 - —
No. 3, bbls., l.c.l.....lb. .34 - —
No. 4, bbls., l.c.l.....lb. .32 - —
No. 5, bbls., l.c.l.....lb. .30 - —
Hematine paste, No. 1, bbls., l.c.l..lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .15½- —
red, No. 4, bbls., l.c.l.....lb .14½- —
Hemlock bark extract,[1,6] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.45 - 1.50
Henna leaves, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .21 - .22
Heptane,[1] 50°-100° C., industrial grade, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .10½- —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - .55
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[1,6] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots, same basis..lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- .11
Hexane, laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - .55
Hexanol, normal, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots., oz.15.00 -25.00
Hoofmeal, 17-18% ammon., bulk, c.l., Chicago..unit-ton. 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, alkaloid, bots.....oz.20.00 -25.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.29.00 -32.00
Hydrastinine, 10-gr. bots.....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofluramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., lb. .03¾- .04
100 vols., cbys., E. of Miss. River, or West coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able. dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots..oz.50.00 -70.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic extract, cryst., No. 1, bbls., l.c.l..lb. .42 - —
No. 2, bbls., l.c.l.....lb. .34 - —
liquid, No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .19 - —
solid, No. 1, bxs., l.c.l....lb. .30 - —
Hyssop, bgs.....lb. 1.25 - 1.30

I

Icthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian)
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs.....lb. 1.28¼- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 60-80 mesh, bbls..lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd., 60-80 mesh, bbls..lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), anhydr., tech., dms., c.l., works..100 lbs. 4.90 - 5.25
l.c.l., works.....100 lbs. 6.50 - 6.85
cryst., tech., bbls., works, frt. alld..100 lbs. 4.00 - 6.00
USP X, lump, bbls.....lb. .07 - .08¼
solut., 42 be, cbys., works, frt. alld. or equald..lb. .05½- .06
djns., same basis.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls.....lb. 3.30 - 3.40
cns., 25 lbs.....lb. 3.52 - —
Hypophosphite, bbls., dms...lb. 1.50 - 1.52
Iron, Iodide, bots.....lb. 3.18 - 3.32
Naphthenate,[6] 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Phosphate, soluble, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate,[5,6] 7.4% Fe, 100-lb. dms..lb. .17½- —
Sulphate, tech. (see Copperas, and Ferric sulphate).
USP, cryst., bbls., dms....lb. .06½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl acetate, cns., works.lb. .85 - .90
Isobutyl acetate,[6] dms., works.lb. No prices
Propionate, dms., works.....lb. No prices
Isoeugenol, cns., works.....lb. 4.05 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Isopropanol (see Alcohol, Isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, same basis..lb. .11½- .12
tanks, E. of Rockies, same basis..lb. .10 - —
Alcohol (see Alcohol, Isopropyl).
Ether, dms., c.l., dlvd.....lb. .06 - —
l.c.l., dlvd.....lb. .06½- —
tanks, dlvd.....lb. .04½- —
Isopropylamine, dms., works..lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .32 - .33
powd., bbls., bxs.....lb. .38 - .39
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .55 - .60
Juniper tar, USP, dms.....lb. .75 - 1.15

K

Kamala, cns.....lb. .55 - .60
Kaolin (see China clay).
Kava kava root, bls.....lb. .23 - .24
Kerosene, at refinery: Ark., 41-44 w.w., tanks..gal. .04½- —
Bayonne, 41-43 w.w., tanks... gal. .071 - —
Gulf ports, 41-43 w.w., tanks. gal. .04½- —
Okla.-Tex., 41-43 w.w., tanks, gal. .04⅝- —
Penn., 45 w.w., tanks....gal. .065 - .0765
46 w.w., tanks.....gal. .0725- .07875
San Francisco, tanks.....gal. .11¼- —
Kola nuts, bgs.....lb. .09 - .10

L

Ladyslipper root, bls.....lb. 1.50 - 1.60
Lanolin (see Adeps lanae).
Lard,[1,7] pure, ref., tcs.....lb. .1522½- —
prime steam, tcs.....lb. .1448- —
Larkspur seed, bgs.....lb. 1.75 - 2.00
Laurel berries, bls.....lb. .25 - .26
Leaves, Cyprus, bls.....lb. .24 - .24½
Greek, bls.....lb. No stocks
Portuguese, bls.....lb. .16½- .17
Turkish, bls.....lb. .29 Nom.
Lavender flowers, medium, bls.lb. .75 - .80
ordinary, bls.....lb. .60 - .65
select, bls.....lb. .90 - .95

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Pennsylvania Alcohol and Chemical Corporation streamlines into one organization various companies well-known to the alcohol and chemical industry for over 30 years.

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Chemical Plant
CARLSTADT, N. J.

Lead, acetate,[1] white, broken, bbls.	lb.	.12½- —
cryst., bbls.	lb.	.12½- —
gran., powd., bbls.	lb.	.13¼- —
Arsenate,[1,5] basic, powder, 3-lb. bgs. or larger, c.l.	lb.	.11½- .12
l.c.l.	lb.	.12 - .12½
1-lb. ctns., c.l.	lb.	.18½- .22½
l.c.l.	lb.	.19 - .23
standard, paste, cns., c.l.	lb.	.05¾- .06
l.c.l.	lb.	.06 - .06¼
powder, 3-lb. bgs., or larger, c.l.	lb.	.11 - .11½
1-lb. bgs., c.l.	lb.	.16 - .20
l.c.l.	lb.	.16½- .20½
1-lb. ctns., c.l.	lb.	.18 - .22
l.c.l.	lb.	.18½- .23½
½-lb. ctns., c.l.	lb.	.21 - .25
¼-lb. ctns., l.c.l.	lb.	.21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07¾- —
l.c.l., dlvd. E.	lb.	.07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N.M., Ore., Utah, Wash., Wyo.	lb.	.08 - —
Carbonate (see Lead, white).		
Chloride, fib. dms.	lb.	.49 - —
Iodide, NF V, bots.	lb.	2.80 - —
jars	lb.	2.69 - —
Linoleate, pale, precip., bbls.	lb.	.22½- —
Metal,[10] (see Protective Coatings Materials market).		
Metallic paste, dms., works.	lb.	No stocks
Naphthenate,[6] 24%-30% Pb., dms.	lb.	.14¼- .17½
Nitrate, bbls.	lb.	.12½- —
Oleate, bbls.	lb.	.17¾- —
Peroxide, powd., tech., bbls.	lb.	.23 - .28
Red, 95% Pb_3O_4 or less, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼- —
other points	lb.	.09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash.	lb.	.09¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts in Ore. and Wash.	lb.	.10¼- —
Colo., Mont., N. Mex., Wyo.	lb.	.10 - —
other points	lb.	.09½- —
smaller lots, Ala., etc.	lb.	.10¾- —
Ariz., etc.	lb.	.10¾- —
Colo., etc.	lb.	.10½- —
other points	lb.	.10 - —
in oil, kgs.	lb.	.14 - —
97% Pb_3O_4, bbls., c.l., dlvd. Ala., etc.	lb.	.09½- —
other points	lb.	.09¾- —
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10 - —
Ariz., etc.	lb.	.10¼- —
Colo., etc.	lb.	.10½- —
other points	lb.	.09¾- —
smaller lots, dlvd. Ala.,	lb.	.10¾- —
Ariz., etc.	lb.	.11 - —
Colo., etc.	lb.	.10¾- —
other points	lb.	.10¼- —
88% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc.	lb.	.09¾- —
other points	lb.	.09½- —
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10¼- —
Ariz., etc.	lb.	.10¾- —
Colo., etc.	lb.	.10½- —
other points	lb.	.10 - —
smaller lots, dlvd. Ala., etc.	lb.	.10½- —
Ariz., etc.	lb.	.11¼- —
Colo., etc.	lb.	.11 - —
other points	lb.	.10½- —
Resinate, precip.,[9] 23.3% Pb., dms.	lb.	.17½- —
Silicate, bgs.	lb.	.0730- .0780
Soyate, 26.15% Pb., dms.	lb.	.22¼- —
Stearate, bbls.	lb.	.81 - .83
Sulphate (see Lead, blue; Lead, white, basic sulphate).		
Tallate, 10% Pb., dms.	lb.	.06¼- —
Titanate, bgs., bbls., c.l., works, frt. alld.	lb.	.11 - —
l.c.l., 5 tons, one delivery, E., frt. alld.	lb.	.11¼- —
Pac. Cst., ex whse.	lb.	.11½- —
smaller lots, E. frt. alld.	lb.	.11½- —
Pac. Cst., ex whse.	lb.	.11¾- —
White, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo.	lb.	.08½- —
dlvd. other points	lb.	.08¾- —
l.c.l., dlvd. Ariz., etc.	lb.	.08¾- —
other points	lb.	.08½-
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc.	lb.	.07½-
other points	lb.	.07¼-
l.c.l., dlvd. Ariz., etc.	lb.	.08 - —
other points	lb.	.07½- —
in oil, consumers, kgs.	lb.	.13¼- .13¾
dealers, kgs.	lb.	.11¾- .11⅛
painters, kgs.	lb.	.12¼- .12⅝
Lecithin, edible, dms., c.l.	lb.	.25¼- —
l.c.l.	lb.	.26½- .45
in cocoa butter, dms., c.l.	lb.	.39½- —
l.c.l.	lb.	.40¾- .59
tech., dms., c.l.	lb.	.25¼- —
l.c.l.	lb.	.26½- .45
vegetable, pure, bots, 100 lbs.	lb.	2.75 - —
Lemon peel, bls.	lb.	.30 - .35
Licorice extract, mass, cns.	lb.	.25 - .72
powd., bbls.	lb.	.60 - .85
Root, Indian, bls.	lb.	.12 - .14
powder, bbls.	lb.	.18 - .20
Russian, bls.	lb.	.12 - .13
Spanish, bls.	lb.	.12 - .13
Turkish, bls.	lb.	.12 - .13
Lignin extract, tanning grade, bgs., c.l., works.	lb.	.04 - —

Lime, chemical (quicklime) lump, pebble, bulk, Newvala, Ala.	ton.	6.25 - —
Rincon, Cal.	ton.	13.00 - —
Ripplemead, Va.	ton.	7.65 - —
Riverton, Va.	ton.	7.65 - —
Rockland, Me.	ton.	8.00 - —
San Francisco, Cal.	ton.	13.00 - —
Scioto, Ohio	ton.	6.50 - —
Springfield, Mo.	ton.	7.90 - —
Woodville, Ohio.	ton.	7.00 - —
York, Pa.	ton.	7.50 - —
Hydrated, paper bgs., Adams Mass.	ton	9.00 - —
Annville, Pa.	ton.	9.00 - —
Bellefonte, Pa.	ton.	9.00 - —
Berkley, W. Va.	ton.	9.00 - —
Buffalo, N.Y.	ton.	13.00 - —
Carey, Ohio.	ton.	8.50 - —
Cedar Hollow, Pa.	ton.	10.00 - —
Crab Orchard, Tenn.	ton.	11.00 - —
Eagle Mountain, Va.	ton.	8.15 - —
Farnams, Mass.	ton.	9.00 - —
Gibsonburg, Ohio.	ton.	9.00 - —
Hannibal, Mo.	ton.	9.00 - —
Keystone, Ala.	ton.	10.35 - —
Knoxville, Tenn.	ton.	8.65 - —
Le Roy, Minn.	ton.	16.00 - —
Lime Crest, N. J.	ton.	8.50 - —
Limedale, Ark.	ton.	8.00 - —
Manistique, Mich.	ton.	8.50 - —
Marblehead, Ohio.	ton.	9.50 - —
Martinsburg, W. Va.	ton	9.00 - —
Menominee, Mich.	ton.	9.00 - —
Mitchell, Ind.	ton.	9.00 - —
Newala, Ala.	ton.	9.00 - —
Potoskey, Mich.	ton.	9.00 - —
Port Inland, Mich.	ton.	9.00 - —
Rapid City, S. D.	ton.	12.00 - —
Ripplemead, Va.	ton.	9.15 - —
Riverton, Va.	ton.	9.15 - —
Rockland, Me.	ton.	9.00 - —
San Francisco Cal.	ton.	16.00 - —
Scioto, Ohio	ton.	8.00 - —
Springfield, Mo.	ton.	9.00 - —
Woodville, Ohio.	ton.	9.00 - —
York, Pa.	ton.	9.00 - —

Lime, spray, paper bgs., Adams, Mass.	ton.	10.00 - —
Annville, Pa.	ton.	9.50 - —
Bellefonte, Pa.	ton.	10.00 - —
Carey, Ohio.	ton.	11.00 - —
Farnams, Mass.	ton.	9.50 - —
Gibsonburg, Ohio.	ton.	11.00 - —
Lime Crest, N. J.	ton.	9.00 - —
Marblehead, Ohio.	ton.	10.00 - —
Rockland, Me.	ton.	10.00 - —
Woodville, Ohio.	ton.	10.00 - —
York, Pa.	ton.	10.00 - —
Lime salts (see Calcium).		
Lime-ammonia-nitrogen[8] 20.5% N. (see Ammonia nitrate-limestone).		
Linalool, cns.	lb.	7.25 - 8.00
Linalyl acetate, cns.	lb.	3.60 - 3.75
Linden flowers with leaves, bls.,	lb.	.90 - 1.00
Linseed meal,[1,7] 34%, bulk, c.l.	ton.	43.00 - —
32%, bulk, c.l.	ton.	43.00 - —
Litharge, com'l, powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash.	lb.	.08¼- —
other points	lb.	.08 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.08¾- -

Litharge, com'l powd., bbls., l.c.l., 5 tons, dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼- —
Colo., Mont., N. Mex., Wyo.	lb.	.06 - —
other points	lb.	.08½- —
smaller lots, dlvd. Ala., etc.	lb.	.09¼- —
Ariz., etc.	lb.	.09¾- —
Colo., etc.	lb.	.09½- —
other points	lb.	.09 - —
Lithium bromide, bbls., 100 lbs., works, frt. equald.	lb.	1.90 - —
smaller lots, works	lb.	1.92 - 1.95
Carbonate, NF, bbls., kgs.	lb.	1.25 - 1.30
Chloride, jars	lb.	1.65 - 2.70
Cirate, bbls., dms., kgs.	lb.	1.40 1.41
Fluoride, bbls.	lb.	2.45 2.60
Hydroxide, jars	lb.	1.25 - 1.40
Iodide, bots.	lb.	5.20 - —
jars	lb.	5.05 - —
Stearate, fib. dms., 3 tons, works	lb.	.50 - —
Lithopone,[1,4] ordinary, bgs., c.l. (20 tons)	lb.	.04¼- —
l.c.l.	lb.	.04½- —
bbls., c.l.	lb.	.04¼- —
l.c.l.	lb.	.04¾- —
titanated,[4] (high-strength), bgs., c.l.	lb.	.0560- —
smaller lots	lb.	.0585- —
bbls., c.l.	lb.	.0585- —
smaller lots	lb.	.0610- —
Lithopone, c.l., dlvd. Pac. Cst., ½c. higher; l.c.l. ex. whse. Pac. Cst., ¼c. higher.		
Liverwort leaves, bls.	lb.	.85 - .90
Lobelia herb, bls.	lb.	1.00 - 1.05
Lobeline sulphate, bots., wks.	oz.	25.50 -38.00
Logwood extract, crystals. No. 1, bbls., l.c.l.	lb.	.34 - —
No. 2, bbls., l.c.l.	lb.	.32 - —

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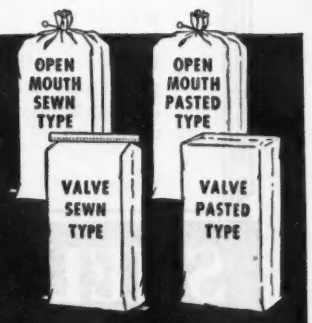

Logwood extract, liquid, No. 1, bbls., l.c...lb. .17 - —
No. 2, bbls., l.c.l.....lb. .16 - —
No. 3, bbls., l.c.l.....lb. .15½- —
No. 4, bbls., l.c.l.....lb. .15 - —
solid, No. 1, bxs., l.c.l....lb. .28 - —
No. 2, bxs., l.c.l.....lb. .26 - —
No. 3, bxs., l.c.l.....lb. .23½- —
No. 4, bxs., l.c.l.....lb. .22 - —
No. 5, bxs., l.c.l.....lb. .21½- —
No. 6, bxs., l.c.l.....lb. .39½- .44½
Lovage, American (ligusticum actae folium), root, bls..lb. 1.20 - 1.50
Lupulin, NF, 1944 crop, tins..lb.14.00 -16.00
Lycopodium, USP, cs.....lb. 1.50 - 1.60

M

Mace,[1,7] Amboyna, cs.....lb. .77 Nom.
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 Nom.
No. 1, bgs.....lb. .60 Nom.
broken, bgs.....lb. .56 Nom.
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1,6] dms....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., bgs., c.l., Zone 1..lb. .06½- —
l.c.l., Zone 1.....lb. .07½- —
bbls., c.l., Zone 1.....lb. .07½- —
l.c.l., Zone 1.....lb. .08½- —
kgs., c.l, Zone 1.....lb. .08¾- —
l.c.l., Zone 1.....lb. .09¾- —
USP, bgs., c.l., Zone 1....lb. .08 - —
l.c.l., Zone 1.....lb. .09 - —
bbls., c.l., Zone 1.....lb. .08½- —
l.c.l., Zone 1.....lb. .09½- —
kgs., c.l, Zone 1.....lb. .09¾- —
l.c.l., Zone 1.....lb. .10¾- —

Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ¼c. lower, Zone 2.

store delivery; store door delivery, both zones. Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.

Magnesia chloride, anhyd., bbls., dlvd..lb. .12¾- —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .20 - .21
Hydroxide, medicinal, bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .63 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, ctns.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots.....lb. .42 - —
Magnesite, cal., powd., bags, mines, Calif..ton.58.75 - —
dead-burnt,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Maleic anhydride,[6] dms., c.l...lb. .25 - —
l.c.l.....lb. .26 - —
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .38 - .40
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .23 - .25
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .12¾
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Manganese dioxide, African, battery, 84%-87%, bbls., 28-40 tons, works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., works.....ton.74.75 -79.75
paper bgs., c.l., works.ton.70.00 - —
l.c.l., works.....ton.73.00 - —
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots.....lb. 5.70 - —
jars.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate,[6] 6% Mn, dms..gal. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn. dms.....lb. .22 - —
Sulphate, anhyd., dms., works, lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer grade, 65%, bgs., c.l., dlvd. East..ton.59.50 - —
l.c.l., same basis, or Balto. or Cincinnati...ton.68.50 - —
industrial grade, 80%, bgs..lb. .05 - .05¾
Tallate, 4% Mn, dms.....lb. .09 - —
Mangrove bark,[1] E. Africa, 38% tannin, c.l., ex dock, U. S. ports..ton.67.50 - —
Manna, flake, cs.....lb. No stocks
Mannitol,[6] com'l, bbls., works.lb. .35 - .40
reagent, cs. or multiples, works..lb. .85 - —
Marjoram, Argentine, bls.....lb. No stocks
California, French type, new crop, bls., Pacific Coast..lb. .35 - .36
Chilean, bls.....lb. .18 - .18½
Matico leaves, bls.....lb. .22 - .29
Menadione, USP, bots.....gram. .10 - —
Menthol, natural, USP, cns....lb. 7.00 - 7.25
synthetic, tech., cns.....lb. 5.00 - 6.00
USP, laevo, cns.....lb.13.00 - —
racemic, cns.....lb. 8.60 - 9.15
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .72
30%, pails.....lb. 1.30 - —
50%, pails.....lb. 1.88 - 1.90
Mercury bichloride[3] (see Corrosive sublimate).
Bisulphate,[3] dms.....lb. 2.59 - 2.61
Chloride,[3] (see Calomel).
Mercury cyanide,[3] cryst., powd.lb. 3.86 - —
Iodide,[3] red, NF, dms., kgs..lb. 4.30 - —
yellow, fib. dms., kgs.....lb. 4.38 - —
Nitrate ointment (see Citrine ointment).
Oxide,[3] red, NF (see Red precipitate).
yellow, USP, fib. dms.....lb. 2.94 - 2.96
tech. (see Yellow, mercury oxide).
Mercury and chalk,[3] dms.....lb. 1.68 - 1.70
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,3,6] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —

Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R. 3c. higher.

synthetic, dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd....gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, dlvd. S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —
tanks, Zone 1, frt. alld..gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, non-ret. dms., c.l., dlvd..lb. .0750- —
l.c.l., dlvd.....lb. .0875- .0975
smaller cont., dlvd.....lb. .1475- —
hydrogenated, non-ret. dms., c.l., dlvd..lb. .1150- —
l.c.l., dlvd.....lb. .0875- .0975
smaller cont., dlvd.....lb. .1875- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13⅛
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss., lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10⅛
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt alld..lb. .30½- —
Acetone, natural, Group A, dms. incl., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis....gal. .76 - —
tanks, same basis.....gal. .66 - —

Natural methyl acetone prices W. of Miss R., 3c. per gal. higher.

Group B, dms. extra, c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis, gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis, gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
zone 4, same basis.. gal. .64½- —

Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Synthetic, dms., c.l., Zone 1, gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .46½- —

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl alcohol (see Methanol).
Anthranilate, bots, 100-lb. lots, lb. 2.20 - 2.50
25-lb. lots.....lb. 2.35 - 2.65
Benzoate,[6] cns.....lb. .55 - 1.00
Bromide, cns.....lb. .75 - .80
cyls.....lb. .63 - .75

METHYL ETHYL KETONE

$CH_3-\overset{O}{\overset{\|}{C}}-CH_2-CH_3$

Molecular Weight 72.10

Methyl Ethyl Ketone has superior solvent properties . . . sufficiently low boiling point to permit ready recovery. It is not subject to hydrolysis and thus does not form acids corrosive to metals.

MEK is valuable in lubricating oil dewaxing because of its high solvent powers for oil.

MEK forms coating, dipping and spraying compositions with certain vinyl and cellulose resins. Thus it helps to make raincoats, tents, artificial leather for handbags and luggage, bathing suits, oilcloth, etc., stronger, better-wearing, water-proof and scuff-resistant.

MEK is important as a solvent in the manufacture of rubber cement widely used in fabricating bullet-proof gas tanks. Its excellent solvent properties are also valuable in the printing and lithographing industries.

Consider MEK in the light of your own processes. It may provide the answer to a problem.

SPECIFICATIONS

Purity	Minimum 99% methyl ethyl ketone by weight
Specific Gravity 20°/20° C.	0.805 to 0.807
Color	Maximum 10 platinum cobalt (Hazen) standard
Water	Miscible without turbidity with 19 volumes of 60° Bé. gasoline at 20° C.
Acidity (other than carbon dioxide)	Maximum 0.003% calculated as acetic acid
Distillation Range (A.S.T.M. D268/33)	Below 79° C. None Above 80.5° C. None
Non-volatile Matter	Maximum 2 mg. per 100 ml.
Weight	6.72 lbs. per gal. at 20° C. (approx.)

PHYSICAL PROPERTIES

Several of the physical properties of methyl ethyl ketone are given in the following table:

Specific Gravity at 20°/4° C.	0.8047
Boiling Point at 760 mm.	79.6° C.
Melting point	–86.4° C.
Flash point, Tag Open Cup	34° F.
Tag Closed Cup	28° F.
Vapor Pressure at 0° C.	24.3 mm. Hg.
10° C.	42.5 " "
20° C.	71.2 " "
30° C.	114.3 " "
Specific Heat	0.55 (20° to 78°C.)
Latent Heat of Vaporization	106.0 gm. cal. per gm. (20° C.)
Refractive Index, N_D^{20}	1.3788
Coefficient of Expansion	0.00076 per °F.
Explosive Limits of Vapor with Air	
Upper	10.2% methyl ethyl ketone
Lower	1.97% methyl ethyl ketone
Miscibility	Complete with nearly all organic liquids

Water azeotrope containing 88.7% by weight of MEK boils at 73.4° C. Also forms azeotropes with some of common lacquer solvents.

For further properties and uses communicate with either of the addresses below.

SHELL CHEMICAL Division of SHELL UNION OIL CORPORATION
100 BUSH ST., SAN FRANCISCO 6, CALIFORNIA
R.W. GREEFF & CO. *Eastern Sales Agent* 10 ROCKEFELLER PLAZA, NEW YORK 20. TRIBUNE TOWER, CHICAGO 11

Methyl chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point; prices above are in 60, 90 and 180-lb. cylinders; 20-lb. cylinders, 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., dlvd.....lb. No stocks
Oleate, dms., c.l.....lb .35 - —
Salicylate,[1] dms., 500 lbs.....lb. .33 -
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, cns., dms., works..lb. .30 - .32
Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,060 lbs. or more, frt. alld..lb. .60 - —
smaller lots, frt. alld....lb. .65 - .70
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
smaller lots, frt. alld....lb. .58 - .63
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .28 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, USP, kgs.100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[8] dms., dlvd. lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
tanks, dlvd.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[8] dms., c.l., l.c.l., dlvd.....lb. .12 - —
dlvd..lb. .11½- —
tanks, dlvd.....lb. .10½- —
Methylnaphthyl ketone, cns...lb. No stocks
Methylpentanediol, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .16½- —
1 and 5-gal. cont., works..lb. .20½- .22½
tanks, works.....lb. .15 - —
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works.ton.45.00 - —
l.c.l., works.....ton.48.50 - —
roofing 20 mesh, bgs., c.l., works..ton.30.00 -32.50
l.c.l., works.....ton.35.50 -37.50
30-31 mesh, bgs., c.l., works. ton.30.00 -32.50
l.c.l., works.....ton.35.50 -37.50
40-45 mesh, bgs., c.l., works. ton.30.00 -32.50
l.c.l., works.....ton.35.00 -37.50
80 mesh, bgs., c.l., works. ton.37.50 -40.00
l.c.l., works.....ton.41.50 -43.00
graphite, bulk, Pa., mines.ton.80.00 - —
wet-grd., biotite, bgs., c.l., works, frt. alld E..lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .04¾- —
extra fine, bgs., c.l., works, frt. alld. E..lb. .04 - —
l.c.l., ex whse. or frt. alld. E..lb. .04½- —
paint or lacq., bgs., c.l., works, frt. alld. E..lb. .05 - —
l.c.l., ex whse. or frt. alld. E..lb. .05½- —
rubber, bgs., c.l., works, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05¼- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .05 - —
l.c.l., ex whse. or frt. alld. E..lb .05½- —
white, extra fine, bgs., c.l., works, frt. alld. E..lb. .06 - —
l.c.l., ex whse. or frt. alld. E..lb. .06½- —

Mica, wet-grd., W. of Miss. R., ½c. higher; W. of Rockies, 1c. higher.

Milk powder,[1,7] skimmed, roller, bulk, Zone A, bbls..lb. .14 - .14½
Zone B.....lb. .13½- .14
spray, bulk, Zone A.....lb. .14½- —
Zone B.....lb. .14¼- —
whole, roller, bbls.....lb. .29 - .32
spray, bbls.....lb. .30 - .34½

Skimmed milk powder zones are:—B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I., and Vt.; A, all other States.

Milk sugar,[1] bbls., c.l., works.lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2.....gal. .18½- —
Area 3.....ton.26.00 - —
Area 4.....ton.29.00 - —
Area 5.....ton.34.60 - —

Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif.; Area 4, Colo., Idaho., Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[6] pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content..lb. .80 - —
Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%, lb. .64 - —
Monochlorobenzene, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .07 - .09
Monoethanolamine,[8] dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Monoethylamine, dms., c.l., works, basis 100%..lb. .30 - —
l.c.l., works, basis 100%..lb. .33 - —
Monomethylamine, dms. .lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —

Morpholine, dms., l.c.l., works, lb. .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cns.....lb. .12 - .15
Musk, nat., Tonquin, grains, bots., nz. No stocks
synth., ambrette, cns., 100 lbs. or more..lb. 4.00 - 9.10
25 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more.. lb. 1.40 - 2.00
25 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Muskroot, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs., lb. .16½- .17
yellow, bgs.....lb. .18 - .18½
Montana, brown, bgs.....lb. .07½- .08
oriental, bgs.....lb. .06½- .07
yellow, bgs.....lb. .1450- .1500
Washington, yellow, bgs.....lb. .14½- .16
Myrobalans,[1,6] J1, whole, U.S. ports, ex dock..ton.55.00 - —
J2 .....ton.48.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[3,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis..lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis ..lb .03 - —
Naphthalene, refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .08¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nephelinesyenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.15.50 - —
Nephelinesyenite in bgs. is priced $2 per ton above the bulk quotations.
Neroline, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,5] carbonate, bbls.....lb. .36 - .36½
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[6,5] black, bbls.....lb. .35 - .38
Salt,[6,5] bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. alldwed over 98 lbs..lb. .8660- —
tins, 10 lbs.....lb. 1.015 - —
Nicotinamide,[6] USP, dms....kilo.13.25 -13.55
Nikethamide, bots., cbys.....lb.12.00 -17.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., l.c.l., works, dry weight..lb. .28 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble,[4] ¼, ½ sec., 30-35 cps., bbls., l.c.l., works, dry weight..lb. .26 - —
5-6, 15-20 cps. and higher, bbls., l.c.l., works, dry weight..lb. .25 - —

Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.

Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen solut.,[6] tanks....ton N.108.21 - —

Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis.

Nitrogenous process tankage,[1,7] Hopewell, Va. bulk, works..unit-ton. 3.15 - 3.50
Sewage sludge,[1] bulk, works, unit-ton 2.60 + 40 - 3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots.....lb. .24 - .26
Nitropropane I, dms., works...lb. .25 - —
II, dms., works.....lb. .25 - —
Nutgalls,[6] Aleppo, bgs.....lb. No stocks
Chinese, bgs.....lb. No stocks
Nutmegs,[1,7] West Indian, No. 1, futures..lb. .34¼- .34⅝
Nux vomica, bls.....lb. .08½- .09
powder, bbls., bxs .....lb. .12 - 15

O

Oakbark extract,[1,6] 25% tannin, bbls., c.l., works..lb. No stocks
Octane,[1] 100°C-140°C, industrial, grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3.....gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal,[6] tech., 360-lb. dms., dlvd..lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
Bitter, F.P.C., bots.....lb. 5.25 - 5.50
USP, bots.....lb. No prices
Sweet, exp., dms., cns.....lb. 1.30 - 1.65
Angelica root, bots.....lb.125.00 -140.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns.....lb. No stocks
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms .....lb. 1.05 - 1.25

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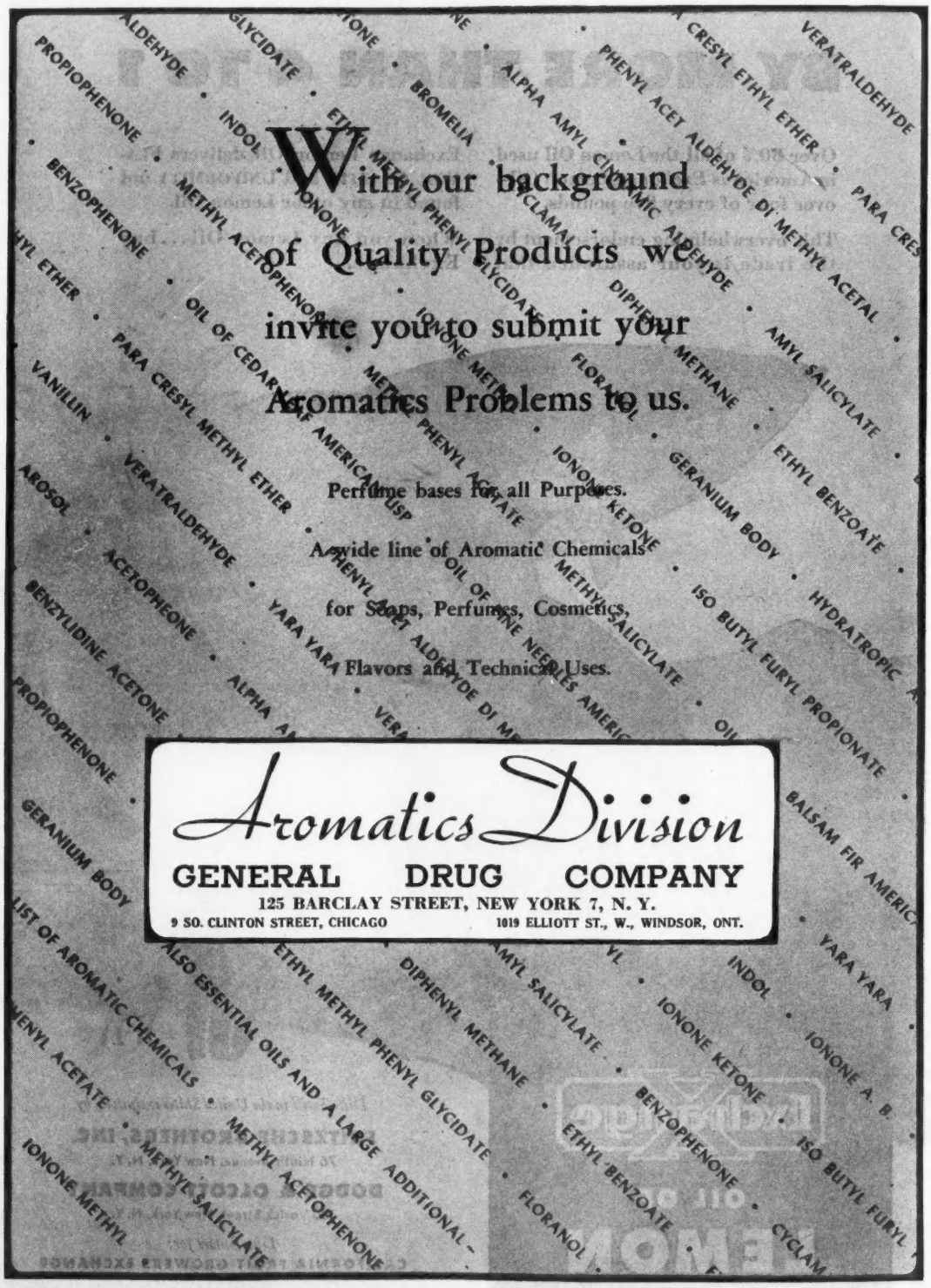
Oil, babassu,[1,7] tanks	lb.	.1110-	—
Bay, W. I., 50-55%, cns	lb.	1.50	- 1.65
Puerto Rican, 55-60%, cns.	lb.	1.55	- 1.75
Bergamot, artif., cns	lb.	2.25	- 4.25
natural, Brazilian, cns	lb.	11.00	-12.00
Italian, cns	lb.	9.00	- 9.50
Birch (see Oil, sweet birch)			
Birchtar, crude, cns	lb.	No stocks	
rectified, cns	lb.	No stocks	
Bois de rose, Brazil, cns. (see Oil, lignaloe wood).		No stocks	
Bone, dms., works	gal.	.65	- .70
Cade, USP IX (see Juniper tar).			
Cajeput, tech., dms	lb.	2.25	Nom.
redistilled, USP X, cns	lb.	2.40	Nom.
Calamus, cns	lb.	22.00	-25.00
Camphor, sassafrassy, cns.	lb.	No stocks	
white, cns	lb.	No stocks	
Cananga, native, cns	lb.	12.00	-12.75
rectified, cns	lb.	14.00	-15.00
Capsicum (see Capsicum, oleoresin).			
Caraway, NF, cns	lb.	15.75	-16.00
Cardamom, bots	lb.	17.50	-18.00
Cassia, USP, cns	lb.	No stocks	
Castor,[1,7] blown, ret. dms., c.l.,	lb.	.15¼-	—
l.c.l.	lb.	.16	- —
cold pressed, USP, bbls., c.l.,	lb.	.14	- —
l.c.l.	lb.	.14½-	—
cns.	lb.	.15%-	.17¾
dms., c.l.	lb.	.13%-	—
l.c.l.	lb.	.14½-	—
tanks	lb.	.13	- —
dehyd., bodied, dms., c.l.	lb.	.1790-	—
l.c.l.	lb.	.1830-	—
tanks	lb.	.1750-	—
unbodied, dms., c.l.	lb.	16.90	- —
tanks	lb.	.1650-	—
No. 3, tech., bbls., c.l.	lb.	.13%-	—
l.c.l.	lb.	.14¼-	—
dms., c.l.	lb.	.13¼-	—
l.c.l.	lb.	.14¼-	—
tanks	lb.	.12%-	—
Oil, castor, 50% (48% fat), dms., c.l.	lb.	.09½-	.09¾
l.c.l.	lb.	.10½-	.11
75% (63% fat), dms., c.l.	lb.	.12½-	.12¾
l.c.l.	lb.	.13	- .13¾
80% (68% fat), dms., c.l.	lb.	.12¾-	.13
l.c.l.	lb.	.13¾-	.14
Cedarleaf,[1] USP, cns., dms.	lb.	2.65	- —
Cedarwood, dms	lb.	.85	- .90
Celery, bots	lb.	16.25	-20.00
Chaulmoogra, USP, cns	lb.	.70	- .75
Chinawood (see Oil, tung).			
Cinnamon bark, bots	lb.	32.00	-45.00
leaf, dms	lb.	1.50	- 1.85
Citronella, Ceylon	lb.	1.60	- 1.65
Java, cns	lb.	No stocks	
Clove, USP, cns	lb.	1.65	- 1.80
Coconut,[1,7] crude, Ceylon, bulk, c.i.f. N. Y.	lb.	.0885-	—
Cochin type, bulk, c.i.f. N. Y.	lb.	.0935-	—
Manila, bulk, c.i.f. N. Y.	lb.	.0835-	—
ret. dms	lb.	.0885-	.0985
edible, ex tax, dms	lb.	.0985-	—
Cod, Newfoundland, dms.	gal.	.85	- .88
tanks	gal.	.82	- .83
Codliver,[8] USP, bbls., dms.	gal.	2.50	- 2.60
Coriander, bots	lb.	23.50	-35.00
Corn,[1,7] crude, tanks, works.	lb.	.12%-	—
edible, dms., l.c.l.	lb.	.16¼-	.16½
tanks	lb.	.1502-	—
foots, acid 95%, tanks, dlvd. E.	lb.	.07¼-	—
raw, 50%, tanks, dlvd. E.	lb.	.03½-	—
Cottonseed,[1,7] cooking, l.c.l., ret. dms.	lb.	.16¼-	—
crude, tanks, works	lb.	.12½-	.13⅛
foots, acid, 95%, tankcar, dlvd. E.	lb.	.07⅜-	—
raw, 50%, tanks, dlvd. E.,	lb.	.03⅝-	—
salad, l.c.l., ret. dms	lb.	.16½-	—
Creosote (see C).			
Croton, NF, cns	lb.	4.00	- 4.25
Cubeb, cns	lb.	No prices	
Oil, crude, (see Petroleum, crude).			
Cumin, bots	lb.	10.00	-10.25
Cypress, bots	lb.	5.00	-12.00
Degras (see D).			
Dillseed, bots	lb.	No stocks	
Dillweed, dms	lb.	4.65	- 4.75
Dip (see D).			
Erigeron, cns	lb.	2.25	- 2.40
Eucalyptus, cns	lb.	1.00	- 1.20
Fennel, sweet, cns	lb.	4.50	Nom.
Fir, Canada, cns	lb.	2.50	- 2.75
Fishliver,[1,5] dms., less 40,000 A units per gram... per million units.		.14	- —
for each 1,000 additional A units up to 200,000 per gram..per million units.		.001	- —
200,000 or more A units.... per million units.		.30	- —
Fuel (see Petroleum, fuel oil).			
Gaultheria (see Oil, wintergreen)			
Geranium, Algerian, cns	lb.	15.75	-16.00
Bourbon, cns	lb.	15.75	-16.00
Russian, cns	lb.	16.50	-17.00
Turkish, (see Oil, palmarosa).			
Ginger, dist., bots	lb.	17.50	-17.75
Grapefruit, cns	lb.	2.25	- 2.50
Guaiacwood, cns	lb.	3.75	- 4.00
Hemlock, cns	lb.	2.65	- 3.34
Herring,[1] crude, tanks, Pac. coast	lb.	.089	- —
Juniper berries, dom., bots	lb.	9.00	- 9.25
Juniper tar, USP (see Juniper Tar).			
Juniper wood, tech., cns	lb.	.90	- 1.00
Lard,[1,7] com., No. 1, bbls., c.l.,	lb.	.14	- —
extra, No. 1, bbls., c.l.	lb.	.14¼-	—
Winter strained, bbls., c.l.,	lb.	.15	- —
prime, burning, bbls., c.l.	lb.	.16	- —
inedible, bbls., c.l.	lb.	.15½-	—
Laurel, bots		No prices	
Lavandin, cns	lb.	No stocks	
Lavender flower, French, cns.	lb.	15.00	-17.50
Russian, cns	lb.	11.00	-11.50
spike, Spanish, pure, cns.	lb.	3.25	- 3.50
tech., cns	lb.	2.50	- 2.75
Oil, lemon, natural, USP, Calif., cns.	lb.	3.25	- —
Messina,[1] cns	lb.	3.25	- —
Terpeneless, bots	lb.	55.00	-60.00
Lemongrass, cns., dm	lb.	2.50	- 2.60
Lignaloe seed, Mexican, cns.	lb.	No stocks	
wood, Mexican, cns	lb.	3.75	- 4.00
Brazilian (see Bois de Rose).			
Lime, dist., Jamaica, cns.	lb.	7.25	- 7.50
Mexican, cns	lb.	7.00	- 7.50
expressed, Jamaica, cns.	lb.	12.50	-13.50
Linseed,[1,7] raw, dms., c.l.	lb.	.1550-	—
l.c.l.	lb.	.1600-	.1660
tanks	lb.	.1470-	—
tankwagon	lb.	.1470	—
Boiled linseed oil, .004 higher than raw.			
Linseed,[7] replacement, dms., c.l.	lb.	.1400-	.1550
tanks	lb.	.1320-	.1470
Lubricating,[1] at refinery, extax, California, neutral, pale, 200-800 vis., 2¾-4 pour, tanks.	gal.	.07½-	.11
red, 200-900 vis., 4-6½ pour, plus tanks.	gal.	.07¼-	.11½
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks.	gal.	.25	- —
neutral, 800 vis., No. 3, col., 0-10 pour, tanks.	gal.	.14½-	.18
200-280 vis., No. 3, col., 15-25 pour, tanks.	gal.	.15	- .17½
Pa., bright stock, 140-150 vis., No. 8 color, 10-25 pour, tanks.	gal.	.24	- .30½
cylinder oils, 600-630 flash, tanks.	gal.	.16	- .17
600-650, steam refd, tanks.	gal.	.15	- .15½
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks.	gal.	.27	- .31
200 vis., 25 pour, tanks	gal.	.28	- .33
Mace, dist., cns., dms	lb.	4.65	- 5.00
Mandarin, Brazilian, cns.	lb.	8.75	- 9.00
Menhaden,[1,7] crude, tanks, Balto.	lb.	.0890-	—
refined, alkali, dms., c.l.	lb.	.1400-	—
kettle-bodied, dms., l.c.l.	lb.	.1500-	—
light-pressed, dms., l.c.l.	lb.	.1300-	—
tanks	lb.	.1225-	—
Mineral, white (see Oil, white mineral).			
Mustard, artif., USP, cns.	lb.	No stocks	
Seed,[7] exp., dms., extra, l.c.l.,	lb.	.14¾-	—
Neatsfoot,[2,7] 15°, bbls., c.l.	gal.	1.85	- 1.90
20°, bbls., c.l.	gal.	1.80	- —
30°, bbls., c.l.	gal.	1.60	- 1.65
pure, bbls., c.l.	lb.	.15½-	.16
Neroli, bots	lb.	200.00	-325.00
Nutmeg, dist., cns., dms.	lb.	4.65	- 5.00
Oiticica,[1] liquid, dms	lb.	.24½-	.25
Oleo,[1,7] extra, dms., Chicago.	lb.	.1304-	—
prime, dms., Chicago	lb.	.1275-	—
Olibanum, bots	lb.	5.00	- —
Olive, denat., dms	gal.	No stocks	
edible,[3] Calif., 3%-½% f.f.a., dms., extra, works.	gal.	4.30	- 4.80
imported, dms	gal.	No stocks	
foots, dms	lb.	No stocks	
sulphonated, 50% (40% fat), dms., c.l.	lb.	No stocks	
l.c.l.	lb.	No stocks	
80% (68% fat), dms., c.l.	lb.	No stocks	
l.c.l.	lb.	No stocks	
85% (68% fat), dms., c.l.	lb.	No stocks	
l.c.l.	lb.	No stocks	
Orange, sweet, dist., cs.	lb.	1.25	- —
expressed, USP, Brazilian, cns.	lb.	1.40	- 1.50
Calif., cns	lb.	1.75	- 2.00
Florida, cns., dms	lb.	1.50	- 1.60
Messina, coppers	lb.	No stocks	
West Indian, cns	lb.	No stocks	
sequiterpeneless, bots	lb.	100.00	-112.00
Origanum, Spanish, cs	lb.	2.40	- 2.75
Palm,[1,7] Niger, dms	lb.	.0865-	—
Palmarosa, cns	lb.	5.50	- 5.75
Palmkernel,[1,7] crude, bulk, c.i.f. N. Y.	lb.	.0835	Nom.
Paraffin,[1,4] 300° flash, 100-110 vis., tanks, G.S.	gal.	.06¾-	.08½
320° flash, 60-70 vis., tanks, G.S.	gal.	.08	- —
350° flash, 70-80 @ 100 vis., 0/10 pour, G.S.	gal.	.08	- —
80-85 vis., 0/10 pour, bbls., extra, Ind. ref'y.	gal.	.09½-	—
100-110 vis., 0/10 pour, same basis.	gal.	.08¼-	.15
10/25 pour, same basis.	gal.	.08¼-	.09¾
Patchouli, cns	lb.	20.00	Nom.
Peanut,[1,7] bleached, deod., tanks, dlvd. E.	lb.	.1501-	—
crude, tanks, works	lb.	.12¾-	.13⅝
foots, acid, 95%, tanks, dlvd. E.	lb	.08	- —
raw, 50%, tanks, dlvd. E.	lb.	.04	- —
hydrogenated, tanks, dlvd. E.,	lb.	.1573-	.1575
Pennyroyal, dms., cns	lb.	No prices	
import, cns	lb.	3.65	- 3.70
Peppermint,[1,7] natural, dms.	lb.	7.25	- 7.50
	lb.	7.25	- 7.50
redist., USP, dms	lb.	7.75	- 8.05
Perilla, crude, dms	lb.	No stocks	
Petitgrain, Paraguay, cns., dms.,	lb.	1.85	- 2.00
Pimento, berry, dms	lb.	6.25	- 8.60
Leaf, cns	lb.	4.25	- 4.50
Pine,[1,6] ret. dms., c.l., dlvd. E.,	gal.	.63	- .63½
l.c.l., dlvd. E.	gal.	.73	- —
tanks, works	gal.	.55	- —
Pineneedle, cns	lb.	3.50	- 3.60
Putty,[9] bbls., E. Segundo, Richmont., Cal.	gal.	.22½-	—
contracts	gal.	.19½-	—
dms., c.l., Whiting, Ind.	gal.	*.34	- —
Boston, Providence	gal.	.25	- —
l.c.l., same basis	gal.	.27	- —
tanks, same basis	gal.	.18	- —
Martinez, Cal.	gal.	.28	- —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,7] bulk, New Orleans,	lb.	.1156½-	—
Red,[1,7] ret. bbls., c.l., dms., dlvd. E. of Rockies	lb.	.13¼-	—
W. of Rockies	lb.	.14¼-	—
Texas and Okla	lb.	.13%-	—
tanks, dlvd. E. of Rockies..	lb.	.12½-	—
W. of Rockies	lb.	.13½-	—
Texas and Okla	lb.	.13	- —
double distilled, ret. dms., c.l., dlvd. E. of Rockies.	lb.	.15%-	—
W. of Rockies	lb.	.16%-	—
Texas and Okla	lb.	.16%-	—
special non-ret. dms., bbls., c.l., dlvd. E. of Rockies.	lb.	.16¾-	—
W. of Rockies	lb.	.17%-	—
dms., Texas and Okla	lb.	.17½-	—

Red oil prices for l.c.l. are ½ cent per pound higher for ton lots and 1 cent per pound higher for less than ton lots.

Rose, natural, coppers	oz.	No stocks	
Rosemary, Spanish, cns., dms.,	lb.	1.25	- 1.60
Rosin, 1st rectified, dms.	gal.	.66	- —
2nd rectified, dms.	gal.	.68	- —
3rd rectified, dms.	gal.	.72	- —
Rue, bots	lb.	5.00	- 5.25
Sage, Spanish, cns.	lb.	2.75	- 5.00
Sandalwood, NF, cns.	lb.	6.75	- —
Mysore, cns, case lots	lb.	7.00	- 7.25

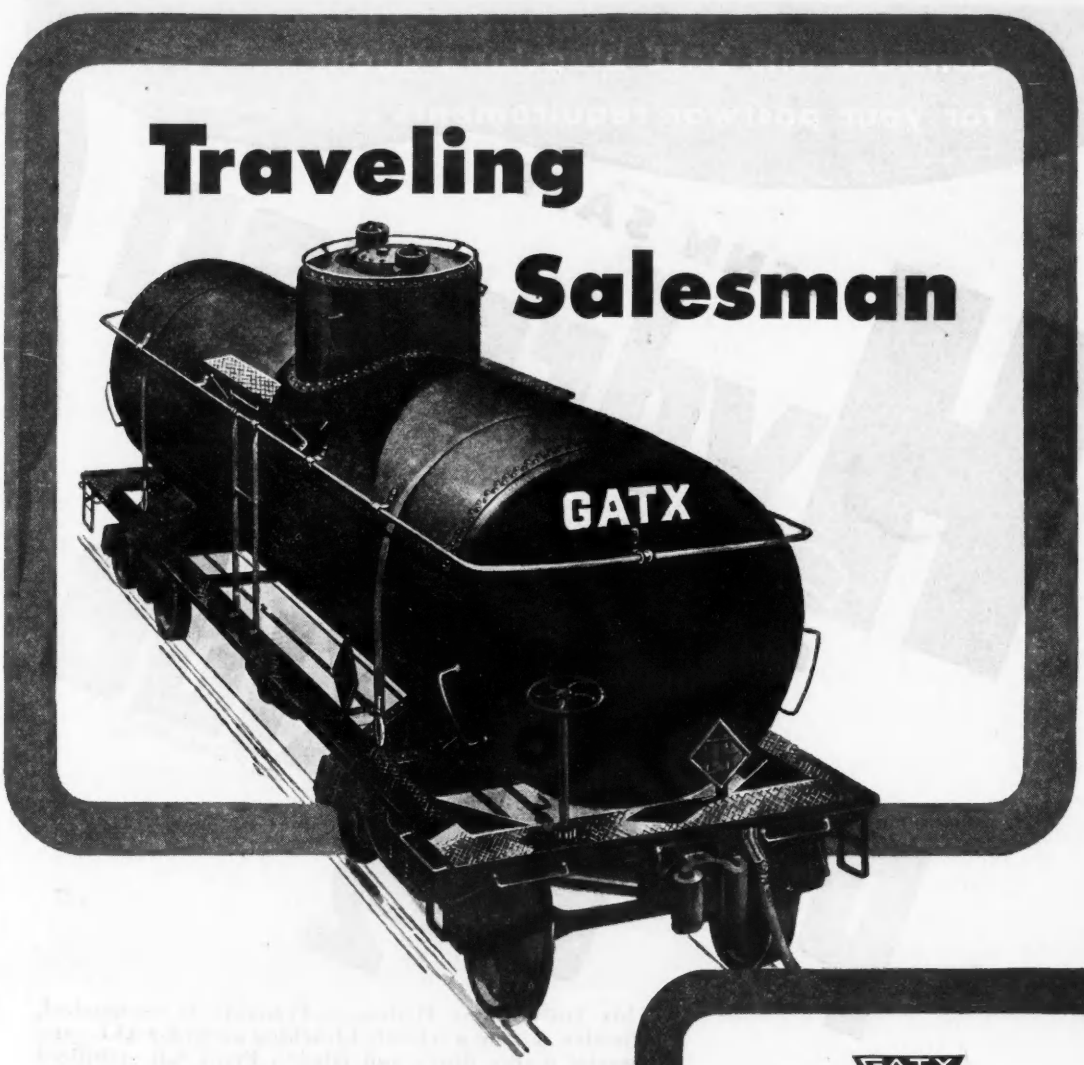


Requests for samples on your firm's letterhead will be promptly answered.

Oil, sardine, crude,[1,5] tanks, Pac. coast..lb. .089 - —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Sassafras, artif., cns.....lb. .71 - 1.00
natural, cns., dms.....lb. 1.85 - 1.90
Savin, cns.....lb. No stocks
Savory, cns.....lb. 8.00 - —
Seal,[1] No. 1, tanks, Am. ports, lb. .089 - —
Sesame,[1,7] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .2185- —
l.c.l., works.....gal. .23 - .29
tanks, works.....gal. .15 - .18
Snakeroot, Canada, cns.....lb. No stocks
Soybean,[1,7] clarified, dms....lb. .1296- .1335
tanks .....lb. .1256- —
crude, tanks, Decatur.....lb. .1175- —
deod., Winter, tanks.....lb. .1393- —
ret. dms.....lb. .1500- .1540
foots, acid, 95%, tanks, divd. E..lb. .07½- —
raw, 50%, tanks, divd. E.lb. .05½- —
refd., varnish, dms.....lb. .1350- .1400
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 Nom.
Sperm, bleached, 38°, dms...lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.65 - 3.34
Sunflower,[6] imp., ref. tanks, lb. .1438- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works, ton. 53.65 -55.00
l.c.l., works.....ton. 58.65 -63.65
tanks, works.....ton. 40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[6,5] acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —
Tansy, cns.....lb. 4.50 Nom.
Tar,[1] pine, crude, dms., c.l., divd. E. cities..gal. .32¾- —
l.c.l., works.....gal. .29¾- —
tanks, divd. E. cities..gal. .27 - —
rectified, USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.35 - 2.50
white, cns.....lb. 2.65 - 3.25
Tung,[1,7] dms., c.l.....lb. .39 - .39½
l.c.l. .....lb. .40 - .41
tanks .....lb. .38¾- —
Turkey red (see Oil, castor, sulphonated).
Turpentine, rectified, USP, cns., dms..lb. .25 - —
Vetiver, Bourbon, bots.....lb. 30.00 -32.00
Whale,[5] ref., natural, dms..lb. .1187 Nom.
winter bleached, dms....lb. .1232 Nom.
Wheat germ, dms.....gal. 10.00 -13.50
White mineral, tech., 50-65 vis., dms., c.l..gal. .31 - —
l.c.l. .....gal. .34 - .38
65-75 vis., dms., c.l....gal. .32 - —
l.c.l. .....gal. .35 - .39
USP, 80/90 vis., dms., extra, c.l..gal. .34 - —
l.c.l. .....gal. .37 - .41
95/105 vis., dms., c.l....gal. .36 - —
l.c.l. .....gal. .39 - .43
125/135 vis., dms., c.l....gal. .40 - —
l.c.l. .....gal. .43 - .47
145/155 vis., dms., c.l....gal. .42 - —
l.c.l. .....gal. .45 - .49
175/185 vis., dms., c.l....gal. .44 - —
l.c.l. .....gal. .47 - .51
200/210 vis., dms., c.l...gal. .47 - —
l.c.l. .....gal. .50 - .54
320/330 vis., dms., c.l...gal. .51 - —
l.c.l. .....gal. .54 - .58
335/345 vis., dms., c.l...gal. .51 - —
l.c.l. .....gal. .54 - .58
55, 70 and 85 vis., ret. dms., 65 dms., San Francisco. gal. .40 - —
smaller lots, same basis. gal. .42 - .45
100 vis., 65 dms., San Francisco..gal. .49½- —
smaller lots, same basis. gal. .51½- .54½
145 vis., 65 dms., San Francisco..gal. .57 - —
smaller lots, same basis. gal. .59 - .62
180 vis., 65 dms., San Francisco..gal. .60½- —
smaller lots, same basis. gal. .62½- .65½
340 vis., 65 dms., San Francisco..gal. .72 - —
smaller lots, same basis. gal. .74 - .77
Wintergreen, natural, North, cns..lb. 6.50 - 8.50
South, cns.....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, tung).
Wormseed,[1] cns.....lb. 5.00 - 5.15
Wormwood, cns.....lb. 4.85 - 5.50
Ylang-ylang, Bourbon, bots..lb. 10.00 -10.50
Oleostearin,[1,7] dms., Chicago..lb. .1061- —
Olivine, aggregate, c.l., mines.. ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works. ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
lumps, paper bags, c.l., works. ton. 7.00 - —
spalls, paper bgs., c.l., works. ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots, lb. 13.00 - —
25-lb. lots.....lb. 13.25 - —
smaller lots.....lb. 13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, cadmium selenide, bbls., 100-lb. lots, works..lb. 1.50 - —
Dinitroanilin, toner[4].....lb. 1.05 - —
Molybdate,[1,6] bbls.....lb. .41 - —
Orthonitroanilin toner,[3] bbls., kgs., works..lb. .80 - 1.05
Persian,[1] bbls.....lb. .30 - .45
Orange mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo..lb. .12½- —
other points.....lb. .12 - —
smaller lots, Ala., etc..lb. .12¾- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
other points.....lb. .12½- —
Orange peel, bitter, Haitian, bgs., lb. .13½- .14
sweet, bls.....lb. .14 - .14½
Oregano, Mexican, curly leaf, bgs..lb. .08½- .09
flat leaf, bgs.....lb. .08¼- .09¾
Orris root, African, bls.....lb. .85 - —
powd., bbls., bxs.....lb. .90 - .95
Portuguese, bls.....lb. .65 - .70
Verona, bls.....lb. No stocks
Orthoamylphenol, dms., works..lb. .25 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroanilin, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .25 - .27
Orthocresol,[2,6] 30.4° C. min., M.P., dms., c.l., works..lb. .17¼- .18
l.c.l., works.....lb. .18 - .18½
29.0° C. min., M.P., dms., c.l., works..lb. .16½- .17
l.c.l., works.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —
Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .43 - .55
Orthonitrobiphenyl, tech., grade A., dms., c.l., works..lb. .10 - —
l.c.l., works.....lb. .11 - —
grade B, dms., c.l., works..lb. .06 - —
l.c.l., works.....lb. .07 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin dms.....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange crystals, bbls....lb. .23 - —
Extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots, works.....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 2.75 - 3.00
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.35
Sulphate, cns.....oz. 7.10 - 7.35
Paprika,[1] Calif., sweet Caliente, bgs..lb. .37 - .37½
Chilean, bgs.....lb. .30½- .31
Portuguese, bgs.....lb. .37 - .41
Spanish, bgs.....lb. .46 - .47
Para-anisidin, dms., works.....lb. .75 - —
Parachlorophenol, dms., wks..lb. .26½- .28
Paracresol,[6] bbls., works.....lb. .41 - —
Paracymene, dms., c.l., works..lb. .1595- —
l.c.l., same basis.....lb. .1645- —
tanks, same basis.....lb. .1545- —
Paradichlorobenzene,[6] dms., c.l., works..lb. .11 - .12
l.c.l., same basis.....lb. .12½- .15
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery..lb. .05 - —
120-122 ASTM, refinery.lb. .0520- —
122-124 ASTM, refinery.lb. .0520- —
125-127 ASTM, refinery.lb. .0560- —
127-129 ASTM, refinery.lb. .0585- —
128-130 ASTM, refinery.lb. .0585- —
130-132 ASTM, refinery.lb. .0615- —
132-134 ASTM, refinery.lb. .0640- —
135-137 ASTM, refinery.lb. .0715- —
140-142 ASTM, refinery.lb. .0810- —
146-148 ASTM, refinery.lb. .1050- —
Prices in bags 4/10c. per lb. higher
Paraformaldehyde,[2,5] dms., 1,000 lbs. or more, works..lb. .21 - —
smaller lots, works.....lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l. wks..lb. .12 - —
10-gal. dms., works.....lb. .15 - —
USP, cbys., cns.....lb. .35 - .45
Paranitroanilin, kgs., works.lb. .43 - .45
Paranitrochlorobenzene, kgs., lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs., works..lb. .30 - —
Paraphenylenediamine, tech., kgs. lb. 2.00 - —
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls., works.....lb. .48 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld..lb. .20 - .27
l.c.l., same basis.....lb. .22 - .28
Passion flower herb, bls.....lb. .16 - .20
Patchouli leaves, bls.....lb. .34 - .35
Pectin, bbls.....lb. 1.25 - —
Penicillin, ampules, per 100,000 units. .59 - .95
Pennyroyal leaves, bls.....lb. .16 - .18
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol,[6] CP, bbls., divd. lb. .75 - —
smaller containers.....lb. 1.00 - —
tech., bbls., c.l.....lb. .29 - —
l.c.l. .....lb. .33 - —
Pentane, 28°-38° C, industrial grade, dms., c.l., Group 3.. gal. .11 - —
l.c.l., dms., Group 3.. gal. .19 - —
tanks, Group 2.....gal. .07½- .07½
laboratory grade, 10-gal. cns., divd. E..gal. .55 - —
dms., c.l., Group 3....gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
Pepper, black,[1,7] 15 tons, bgs..lb. .10 - —
50 to 100 bgs.....lb. .1050- —
4 to 24 bgs.....lb. .1100- —
red, capsicum, Carolina, longs, new crop, bgs..lb. .32½ Nom.
sports, old crop, bgs...lb. .46 Nom.
Louisiana, sports, bgs.....lb. No stocks
longs, old crop, bgs.....lb. No stocks
Chillies, bgs.....lb. .22½- .46
Pepper, white,[1,7] bgs., 15 tons. lb. .1161 Nom.
24 bgs.....lb. .1295 Nom.
Peppermint, dom., USP, bls....lb. .70 - .75
import, bls.....lb. .90 Nom.
Perchloroethylene,[6] dms., c.l., Zone 1, works, frt. alld..lb. .0782- .0800
Zone 2, same basis.....lb. .0832- .0850
Zone 3, same basis.....lb. .0882- .0900
Zone 4, same basis.....lb. .0876- .0900



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BY CARRYING YOUR RAW MATERIALS or finished products with speed and economy, General American tank cars help you competitively—open new markets for you—can be considered part of your selling force.

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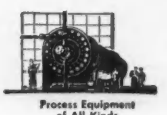
Builders and Operators of Specialized Railroad Freight Cars

Bulk Liquid Storage Terminals


Process Equipment of All Kinds

Pressure Vessels and Other Welded Equipment

Aerocoach Motor Coaches

Precooling Service for Fruits and Vegetables

Perchloroethylene, d m s., c.l., Zone 1, same basis..lb. .0832- .0850
Zone 2, same basis.....lb. .0882- .0900
Zone 3, same basis.....lb. .0932- .0950
Zone 4, same basis.....lb. .0926- .0950

Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Peru balsam, dms.....lb. 1.30 - 1.35
Petrolatum, tech., dark, bbls., Group 3, c.l..lb. .021 - —
golden Topaz, bbls., c.l.....lb. .032 - —
l.c.l. .....lb. .036 - —
red, veterinarian, bbls. c.l..lb. .024 - —
l.c.l. .....lb. .028 - —
USP, amber, dms., c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
extra amber, dms., c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
cream, c.l., dms.....lb. .04¾- —
l.c.l. .....lb. .06¼- —
yellow, soft, dms., c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
white, lily, dms., c.l.....lb. .05½- —
l.c.l. .....lb. .07 - —
snow, dms., c.l.....lb. .06½- —
l.c.l. .....lb. .07¾- —
soft, dms., c.l.....lb. .05½- —
l.c.l. .....lb. .06¾- —
Petroleum, crude, bulk, at wells, California, heavy grades, bbl. .93 - 1.01
Illinois .....bbl. 1.37 - —

Petroleum, crude, bulk, at wells, Kentucky, Union County, bbl. 1.32 - 1.37
Louisiana-Arkansas...bbl. .80 - 1.20
Oklahoma-Kansas ....bbl. .85 - 1.25
Pennsylvania .....bbl. 1.31 - 3.00
Texas, Gulf coast.....bbl. 1.06 - 1.86
North, North-Central.. bbl. 1.01 - 1.25
Panhandle .....bbl. 1.10 - 1.22
West .....bbl. .70 - 1.72
Wyoming .....bbl. 1.12 - —
Ether, laboratory grade, 30°-60° C, 10-gal. cns., divd., E..gal. .55 - —
dms., c.l., Group 3...gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
35°-60° C, 10-gal., cns., divd., E..gal. .55 - —
dms., c.l., Group 3...gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
40°-75° C, 10-gal., cns., divd., E..gal. .55 - —
dms., c.l., Group 3...gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
Fuel oil, furnace, tanks, at refinery, Arkansas, No. 1 gal. .04 - —
Nos. 2 and 3.....gal. .03½- —
California, heavy....bbl. 1.10 - —
light .....bbl. 1.20 - —
diesel .....gal. .04 - —
stove dist.....gal. .05 - —
Group 3, No. 3.....gal. .03½- —
No. 5.....bbl. .85 - —
No. 6.....bbl. .80 - .85
Kansas, No. 3.....bbl. .85 - .90
Oklahoma, No. 2....gal. .03¾- —
No. 6.....bbl. .90 - —
14-16 .....bbl. .97 - —

Petroleum, fuel oil, furnace, tanks, at wells, Pennsylvania, No. 1..gal. .07 - .07¾
No. 2.....gal. .07 - .0800
No. 3.....gal. .06¾- .07¾
36-40 gravity.....gal. .07 - .07¾
bunker C, tanks, Albany, N.Y. bbl. 1.97 - —
Baltimore, Md.....bbl. 1.77 - —
Boston, Mass.....bbl. 1.77 - —
Charleston, S. C.....bbl. 1.72 - —
Jacksonville, Fla.....bbl. 1.72 - —
New Haven, Conn.....bbl. 1.77 - —
New York, N. Y.....bbl. 1.77 - —
Norfolk, Va.....bbl. 1.77 - —
Philadelphia, Pa.....bbl. 1.77 - —
Portland, Me.....bbl. 1.77 - —
Port Tampa, Fla.....bbl 1.62 - —
Providence, R. I.....bbl. 1.77 - —
Savannah, Ga.....bbl. 1.72 - —
Wilmington, N. C.....bbl. 1.72 - —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, divd. Los Angeles..gal. .11 - —
Fort Wells, Wash.....gal. .12 - —
San Francisco.....gal. .11½- —
Willbridge, Ore.....gal. .12 - —
East coast, N.J., N.Y., tanks, refinery..gal. .11½- —
Group 3, benzol type, tanks, gal. 07⅞ —
toluol type, tanks.....gal. .07⅝- —
Mineral spirits, California, San Francisco, 163-252 b.r., tanks, gal. .10¼- —
198-200 b.r., tanks...gal. .10¼- —
246-397 b.r., tanks...gal. .10½- —
312-408 b.r., tanks...gal. .09 - —
362-458 b.r., tanks...gal. .09 - —
East coast, N. J., N. Y., tanks, refinery..gal. .10 - —
Group 3, tanks, refinery..gal. .06¼- —

Petroleum mineral spirits, tankwagon, Baltimore..gal. .135 - —
Boston .....gal. .12 - —
Bridgeport, Conn.....gal. .1430- —
Buffalo .....gal. .1240- —
Camden, N. J.....gal. .11 - —
Chicago .....gal. .1150- —
Detroit .....gal. .1280- —
Hartford .....gal. .1430- —
Kansas City, Mo.....gal. .1280- —
Lancaster, Pa.....gal. .12 - —
Milwaukee .....gal. .1240- —
Minneapolis .....gal. .1220- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .125 - —
Providence .....gal. .13 - —
Rochester .....gal. .1320- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Washington, D. C.....gal. .135 - —
Wilmington, Del.....gal. .11 - —
Naphtha, cleaners, California, tanks, San Francisco.gal. .12 - —
East coast, N. J., N. Y., tanks, refinery..gal. .11 - —
Group 3, tanks, refinery, gal. .07½- —
tankwagon, Newark.....gal. .12 - —
Bridgeport .....gal. .1730- —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
St. Louis.....gal. .1470- —
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J..gal. .21½- —
No. 2, tanks, over 90% arom., same basis..gal. .21½- —
No. 3, tanks, same basis.gal. .22½- —
No. 8, tanks, same basis.gal. .228 - —
No. 30, tanks, Kingsland, N. J., frt. alld..gal. .223 - —
No. 40, tanks, Wilmington, Cal..gal. .13½- —
V.M.&P. at refinery, California, 46.5 254 i.b.p., 380 e.p., tanks El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-77, 190 i.b.p., 310 e.p., Los Angeles.....gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —
Group 3, tanks .....lb. .07½- —
Gulf Coast (divd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston.....gal. .13 - —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1520- —
Newark (200 gals.)....gal. .125 - —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —
Solvent, rubber, at refinery, California, San Francisco..gal. .25½- —
East Coast, N. J., N.Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07½- .07⅝
Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .10 - —
Group 3, tanks.....gal. .06⅝- —
Pennsylvania, western, tanks..gal. .07¼- .07½
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Sulphonates,[8] 63% sulphonic content, ret. dms., c.l., works, lb. .09¾- —
l.c.l., works.....lb. .09¾- .10¾
tanks, works.....lb. .09¼- —
50% sulphonic content, ret. dms., c.l., works...lb. .09¾- —
l.c.l., works.....lb. .07¾- .10¾
tanks, works.....lb. .09¼- —
Xylol solvent. See Xylol petroleum solvent.
Phenobarbital, cns.....lb. 3.60 - 3.70
dms., 100 lbs.....lb 3.50 - —
Phenol,[8,9] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .1[illegible] - —
l.c.l., same basis.....lb. .10¾- —
tanks, same basis.....lb. .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10¼
l.c.l., same basis.....lb. .10½- .10¾
tanks, same basis.....lb. .08¾- .09¼
USP, dms., c.l., same basis..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .92
Yellow, fib. dms., 2,000 lbs..lb. .80 - —
smaller lots.....lb. .82 - .87
Phenothiazin, NF, fib. dms., 2,000 lbs..lb. .49 - —
smaller lots.....lb. .54 - —
Phenylacetaldehyde, solut., 50%, bots..lb. 2.45 - 3.00
100%, bots.....lb. 4.40 - 5.00
Phenylethyl acetate, dms.....lb. 4.00 - 4.25
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.90
Phenylhydrazin, base, CP, bots.lb. 4.55 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works...lb. 1.75 - —
Phloroglucinol, CP, fib. dms...lb.13.75 -14.75
tech., fib. dms.....lb.12.00 -12.50
Phosgene, ton lots, works.....lb. .19 - —
Phosphate, defluorinated (see under D).
Phosphate rock,[1,2] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-68½% b.p.l., bulk, car at mine, c.l..... long ton. 2.20 - —
70%-68% b.p.l., same basis .long ton. 2.60 - —
72%-70% b.p.l., same basis..long ton. 3.20 - —
75%-74% b.p.l., same basis..long ton. 4.20 - —
77%-76% b.p.l., same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum..... short ton. 2.90 - —
68%, basis 31% P_2O_5 minimum..short ton. 3.10 - —
70%, basis 32% P_2O_5 minimum..short ton. 3.45 - —

Consider this SAFE bleaching agent for your postwar requirements . . .

PENN SALT

Hydrogen per Oxide

H_2O_2

REG. U.S. PAT. OFF.

This 100 volume Hydrogen Peroxide is economical, effective . . . and a reliable bleaching agent for ALL commercial textile fibres and fabrics. Penn Salt stabilized Hydrogen Peroxide has uniform oxidizing action that assures consistent results.

Hydrogen Peroxide is currently under allocation by WPB. Due to current needs of the war effort very little will be available for the bleaching of civilian fabrics and only limited amounts for military textiles during the next few months. But a wide number of industries are investigating this effective bleaching agent for postwar usage. You will find it wise to consider Penn Salt Hydrogen Peroxide in your future plans. We are greatly expanding our manufacturing facilities to serve your postwar needs.

For specific information about Hydrogen Peroxide and other Penn Salt products, write us.

Penn Salt Hydrogen Peroxide is supplied in 120-lb. carboys and 265-lb. drums.

OTHER PENNSYLVANIA SALT CHEMICAL PRODUCTS USED IN THE TEXTILE INDUSTRY

Caustic Soda • Soda Ash
Sulphuric Acid
Hydrochloric Acid • Chlorine
Perchloron • Sodium Hypochlorite
Chloride of Lime • Bleaching Powder
Carbon Bisulphide
Ammonium Persulphate
Potassium Persulphate
Anhydrous and Aqua Ammonia

PENNSYLVANIA SALT MANUFACTURING COMPANY
Chemicals
1000 WIDENER BUILDING, PHILADELPHIA 7, PA.
NEW YORK • CHICAGO • ST. LOUIS • PITTSBURGH • CINCINNATI • MINNEAPOLIS • WYANDOTTE • TACOMA

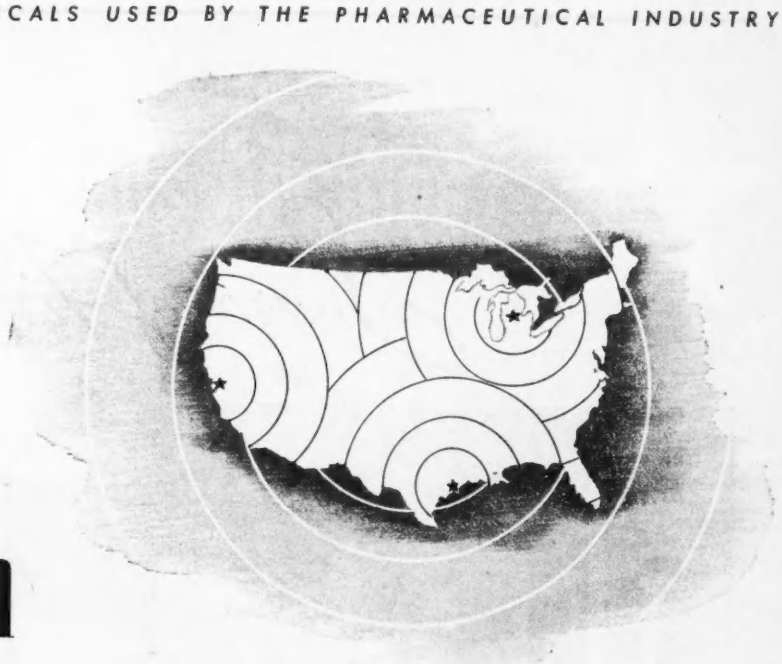
Phosphate rock, Tenn., brown, unground, run-of-mine, 70-68% b.p.l., 5% I. & a., same basis..long ton. 5.10 - —
72%-70% b.p.l., 5½% I. & a., same basis..long ton. 5.60 - —
refinery ground, 32% P_2O_5, same basis. 4.75 - —
30%, P_2O_5, same basis.... long ton. 4.95 - —
31%, P_2O_5, same basis.... short ton. 5.05 - —
32%, P_2O_5, same basis.... short ton. 5.30 - —
33%, P_2O_5, same basis.... short ton. 5.80 - —
Phosphorus,[6] red, amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
yellow,[6] cns.....lb. .23 - .25
dms.....lb. .25 - —
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works.....lb. .35 - .40
kgs., works .....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .07 - .08
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vls..oz. 3.75 - 5.10
Nitrate, bots., vls.....oz. 3.65 - 5.00
Pimento,[1] Jamaica, bgs.....lb. .22½- .23
Pinetar,[6] retort, dms. incl. c.l., works..gal. .31 - —
l.c.l., works, dms. incl..gal. .32&- —
tanks, dlvd. E..... gal. .27 - —
Pinkroot, bls.....lb. 1.10 - 1.15
Piperazine hexahydrate, bots..lb. 16.00 - —
Pitch, burgundy (see B).
Coaltar,[2] 160° m.p., bbls., c.l., works. ton. 19.00 - —
l.c.l., works..... ton. 22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works..lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Soybean, dms., works.....lb. .04 - .06
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bls.....lb. .11 - .12
Polystyrene, plain colors, dms., 30,000 lbs., works, frt. alld. lb. .32 - —
20,000 lbs., frt. alld.....lb. .33 - —
smaller lots, frt. alld....lb. .34 - .36
Water-clear, polystyrene, 7c. per lb. less than plain colors.
Pomegranate, root bark, bgs...lb. .80 - .85
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
South American, bgs.....lb. .80 - .85
Turkish, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns. .....lb. .31 - .33
Arsenite,[4] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[1,6] bgs., c.l., works, lb. .10 - —
l.c.l., works.....lb. .10½- .10¾
Potash bichromate in bbls. ¼c. higher.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .25 - —
100-lb. kgs.....lb. .26 - —
Carbonate,[6] cal., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated,[6] 83-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .05¾- —
USP, gran., bbls., dms....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, low-chloride, 90% basis, flake, dms., c.l., works.. 100 lbs. 9.31 - —
l.c.l., works.. 100 lbs. 9.68½- —
liquid, dms., c.l., works..... 10 lbs. 8.56 - —
l.c.l., works.....100 lbs. 8.68½- —
tanks, works.....100 lbs. 8.06 - —
solid, dms., c.l., works.. 100 lbs. 8.56 - —
l.c.l., works.....100 lbs. 8.93½- —
regular, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l. works.....lb. .07¼- .07½
liquid, 45% basis, dms., c.l., works, frt. alld..lb. .03½- —
l.c.l., same basis.....lb. .03¾- .06½
tanks, same basis.....lb. .02½- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chromate,[6] bgs.....lb. .24 - .28
Chlorate[6] cryst., kgs., c.l., wks. lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .09¾- —
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .16 - .18
Chloride, tech., cryst., 88%, bgs., kgs..lb. 09 Nom
Citrate, USP, gran., bbls., dms., lb. .33¼- .33½
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% s o l., cns., cbys..lb. 1.65 - 1.67
dms., 1,000-lb. lots.....lb. 1.50 - —
100-lb. lots.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms. .....lb. 1.35 - 1.38
Manure salt,[6] 22% K_2O, Carlsbad, N. M..unit-ton. .20 - —
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports..... unit-ton. .53½- —
granular, 50-52% K_2O..... unit-ton. .53½- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Nitrate (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech fine gran., bbls., dms lb. .28 - .31
Perchlorate,[6] kgs., works ...lb. .09¾- .11
Permanganate, tech., dms., wks. lb. .19¾- .20¾
USP, dms., works.....lb. .20½- .21

Potash persulphate, dms., c.l., works..lb. .16 - —
l.c.l., same basis.....lb. .20 - —
Prussiate, red, kgs.....lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, glass, bgs., c.l., works, ton. 290.00 - —
l.c.l. .....100 lbs. 15.25 - —
solution, 29° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works, 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
35° Be, ret. dms., c.l., wks. 100 lbs. 4.75 - —
32° Be, ret. dms., l.c.l., 5 or more, works..100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works, 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[6] basis 90-95% K_2SO_4, min., 90% ex vessel, Alt. or Gulf ports.. ton. 36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Thiocyanate, bbls.....lb. .62 - .65
kgs. .....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz. 14.20 - 14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports...ton. 26.00 - —
Potash-soda ferricyanide, kgs., works..lb. .40 - .43

Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .23 - .25
Berries, bgs.....lb. .20 - .21
Prince's pine herb, bls.....lb. .63 - .65
Procaine hydrochloride, cns., 100-lb. lots..lb. 3.75 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[1] industrial grade, tanks, Group 3..gal. .03¾- —
Propyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .65 - .68
Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chi., ton lots.....lb. .04½- —
Pumice in bbls. is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. No stocks
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum, [1,6] concentrate, dewaxed, 20% for aerosol bombs, bbls., works....gal. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal. 10.65 - —

Pyrethrum flowers, coarse-grd., 0.9% pyrethrins, bbls., wks., lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin, denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2°, ret. dms., same basis. lb. .45 - .46½
Pyrites, Spanish, c.l.f. Atl. ports. long ton. 8.00 - 10.00
Pyrocatechin (see Catechol)
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton. 10.00 - 11.50
325 mesh, same basis....ton. 13.00 - 13.90
No. 3, 200 mesh, c.l., mines..ton. 9.50 - —
325 mesh, same basis.....ton. 11.50 - —
Pyrophyllite in paper bags, $1.50 per ton extra.
Pyroxylin, transparent, cs., wks. lb. .19 - —
black, cs.. works.....lb. .17 - —
China, white, ivory, cs., works..lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
transparent, mixed, mottled, cs., works..lb. .14 - —
translucent pastels, cs., wks. lb. .17 - —
transparent, cs., works.....lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs. works lb. .14 -
lb. .17 -

ONE OF 96 DOW CHEMICALS USED BY THE PHARMACEUTICAL INDUSTRY



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CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Q

Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[1,6] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account..lb. .05¾- .06¾
clarified, 64%, bgs., c.l., same basis..lb. .06¼- .06¾
dissolved, 35% tan., bbls., works..lb. .04575- .0565
tanks, works.....lb. .04075- —
ground, 70%, bgs., c.l.....lb. .089 - —
l.c.l., bgs.....lb. .0915- —
Queen of the meadow root, bgs. lb. .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver, flasks (76 lbs. net) flask.138.00 -145.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.06 + .18½*
powd., precip., cns.....oz. 1.01 + .18½
Sulphate, USP, cns.....oz. .71 + .18½

* Surcharge of 18½c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .18½*
Acetate, cns., 100 ozs.....oz. 1.05 + .18½
Arsenate, cns., 100 ozs.....oz. 1.05 + .18½
Arsenite, cns., 100 ozs.....oz. 1.07 + .18½
Bisulphate, USP, cns., 100 ozs. oz. .60 + .18½
Citrate, cns., 100 ozs.....oz. .78 + .18½
Dihydrobromide, beta., 50 ozs.. oz. .86 + .18½
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .18½
Ferrocyanide, cns., 100 ozs...oz. 1.07 + .18½
Quinine formate, cns., 100 ozs.oz. 1.00 + .18½
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .18½
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .18½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .18½
Hydriodide, cns., 100 ozs...oz. 1.05 + .18½
Hyposulphite, cns., 100 ozs., oz. 1.07 + .18½
Phosphate, NF, cns., 100 ozs.. oz. .90 + .18½
Salicylate, NF, cns., 100 ozs.oz. .79 + .18½
Sulphate, USP, cns., 100 ozs.oz. .67 + .18½
Sulphocarbolate, cns., 100 ozs.oz. 1.05 + .18½
Tannate, USP X, cns., 100 ozs., oz. .63 + .18½
Tartrate, cns., 100 ozs.....oz. 1.03 + .18½
Valerate, NF IV, 100 ozs. oz. .99 + .18½

* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[6] USP, cns..oz. .81 + .18½*

Surcharge:—See note under Quinine.

Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.20 - 1.25
Red, alizarin lake,[6] bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

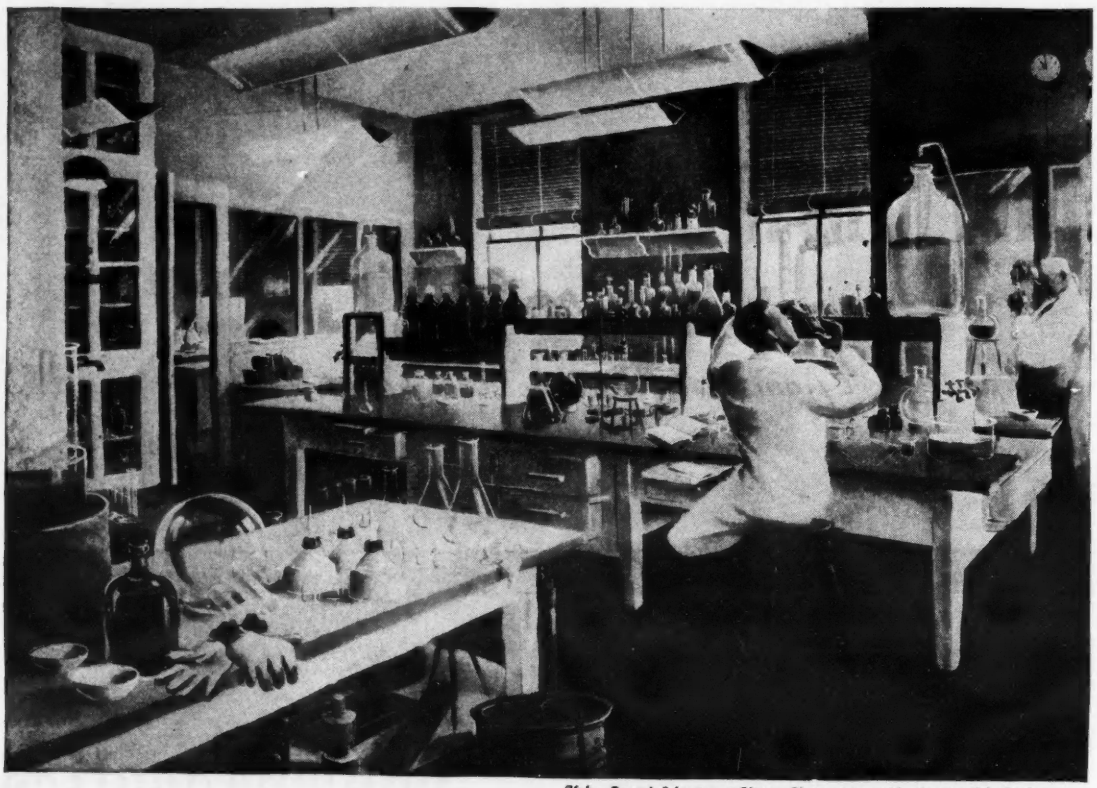
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.) El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.

Red, cadmium lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .30 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works.. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
Orange (see Orange).
Carmine, No. 40, dms., 100-lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, coaltar).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., Bethlehem, Easton, E. St. Louis, N. Y..lb. .09½- —
80-85%, bbls., same basis.lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85% copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .085 - .096
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Red, lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[6] tech., bbls., 10,000 lbs., works..lb. 2.60 - —
smaller lots, works.....lb. 2.62 - —
Metallic, bbls., works.....lb .02 - —
Oxide (see Red, iron oxide).
Para[6] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
Spanish oxide, grade 1, c.l., bbls..lb. .04⅝- .07⅛
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.71 - 2.88
Red precipitate,[3] NF, powd., fib. dms..lb. 2.77 - 2.79
Red saunders wood, grd., bbls.lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb .68 - .78
USP. cryst., dms., frt. alld. E of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .16 - .17
Rhubarb, whole, cs.....lb. .35 - .36
powd., bbls.....lb. .40 - .41
Riboflavin, bots.....kilo.150.00 -200.00
Rice bran concentrate, dms., Cedartown, Ga. or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.45 - 1.50
Leaves, Portuguese, bls.....lb. .11 - .11½
Spanish, bls.....lb. .13¾- .14½
Rosin, gum,[1,5]:—
B, dms., c.l.....100 lbs. 5.90 - —
D, dms., c.l.....100 lbs. 5.97 - —
E, dms., c.l.....100 lbs. 6.50 - —
F, dms., c.l.....100 lbs. 6.60 - —
G, dms., c.l.....100 lbs. 6.64 - —
H, dms., c.l.....100 lbs. 6.66 - —
I, dms., c.l.....100 lbs. 6.66 - —
K, dms., c.l.....100 lbs. 6.70 - —
M, dms., c.l.....100 lbs. 6.72 - —
N, dms., c.l.....100 lbs. 6.88 - —
W.G., dms., c.l.....100 lbs. 7.18 - —
W.W., dms., c.l.....100 lbs. 7.40 - —
X, dms., c.l.....100 lbs. 7.40 - —
Wood,[1,5] B (resin), dms., c.l., works..100 lbs. 3.60 - —
FF, dms., c.l., works.100 lbs. 4.50 - —
G, H, I, dms., c.l., works... 100 lbs. 4.95 - —
K, dms., c.l., works..100 lbs. 5.00 - —
M, dms., c.l., works..100 lbs. 5.05 - —
N, dms., c.l., works..100 lbs. 5.15 - —
WG, dms., c.l., works.100 lbs. 5.25 - —
WW, X, dms., c.l., works... 100 lbs. 5.40 - —
Rotenone,[4,6] bbls., works.....lb.10.90 -13.50
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.. ton.25.50 - —
l.c.l., mines.....ton.37.50 - —
Rue, bls.....lb. .70 - .75

S

Sabadilla seed, powd., bbls....lb. .32 Nom.
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.20 - 1.30
Persian, tins.....lb.48.00 - —
Spanish, NF, tins.....lb.37.00 -38.00
Safrol, cns.....lb. 1.10 - 1.25
Sage,[1] Calif., leucophylla, bgs., Pacific coast..lb. .32 - .33
Cyprus, good, bls.....lb. .18 - .18½
fair, bls.....lb. .15 - .15⅞
Dalmatian-type, bgs.....lb. .65 - .66
Greek type, fair, bls.....lb. No stocks
good, bls.....lb. No stocks
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .18 - .18½
Sago flour, bgs.....lb. .03 - .03⅝
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb.15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
Powdered salol, 10c. higher.
Salt, rock, bgs., c.l.....lb.14.20 - —
l.c.l., bgs.....lb.17.20 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.60 -23.20
Saltcake, dom., bulk, works..ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 ton lots..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 ton lots.. 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo.190.00 -200.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, dom., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .23 - .24
Sassafras bark, ordinary, bls.. lb. .40 - .43
Sassafras bark, ord., bls.....lb. .40 - .43
select, bls.....lb. .60 - .65
Savory, Calif., bls.....lb. .75 - .76
Spanish, bls.....lb. .22 - .23
Saw palmetto berries, bgs....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .09 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34¾- —
Selenium, pwd., cns., 10 lb. lots.. lb. 1.85 - —
cs., 1,000 lb. lots.....lb. 1.75 - —
Senega root, bls.....lb. 1.50 - 1.60

Source of "Firsts"



Modern Research Laboratory at Niagara Plant as interpreted by the artist, John Gaydos

THE FACT that Niagara was the first to produce several important electro-chemical products in this country is due in great part to the efficiency of its research. Niagara's research activities are under the supervision of men of long and thorough experience in electro-chemical development, manufacture, and usage. This has enabled Niagara to give valuable cooperation to many industries using such products in the processing of war materials. It will prove of equal value in helping these industries convert efficiently to peacetime manufacture. Look to Niagara for experienced chemical service.

Niagara ALKALI COMPANY
60 EAST 42nd STREET, NEW YORK 17, N. Y.
CAUSTIC POTASH • CAUSTIC SODA • PARADICHLOROBENZENE • CARBONATE OF POTASH • LIQUID CHLORINE

Senna, Alex., half-leaf, bls....lb. .19 - .22
siftings, bgs....lb. .18 - .19
Tinnevelly, No. 1, bls....lb. .16 - .16½
2, bls....lb. .11½- .12
3, bls....lb. .10 - .10½
powd., bbls., bgs....lb. .15 - .17
Pods, bls....lb. .09 - .10
Serpentaria root, bls....lb. No stocks
Sesame seed,[1,7] Chinese, hulled, bgs..lb. .13¼- .14
Indian, hulled, recleaned, bgs., lb. No stocks
natural, bgs....lb. .11 Nom.
Shellac, bleached, bonedry, bbls., 1,000-lb. lots..lb. .42½- —
Boston....lb. .43½- —
Chicago....lb. .44 - —
Pacific coast....lb. .46 - —
refined, bbls., 1,500-lb. lots.. lb. .48½- —
Boston....lb. .49½- —
Chicago....lb. .50 - —
Pacific coast....lb. .52 - —
Bonedry shellac sales of less than 1,500 lbs., at following additions to maximum prices: (1) packed in bgs., ¾c. per lb.; (2) bbls., 1c. more; (3' kgs., 3c. more.
D.C., V.S.O., Diamond I, 100 bgs..lb. .4660- —
Garnet, 100 bgs....lb. .3890- —
Superfine, 100 bgs., Boston, N. Y..lb. .3660- —
Chicago....lb. .3710- —
Pacific coast....lb. .3960- —
TN, 100 bgs., Boston, N. Y..lb. .3550- —
Chicago....lb. .3600- —
Pacific coast....lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Silica, amorph., dry-grd., 325 mesh, bgs., c.l., ilf. works.. ton.17.00 - —
l.c.l., works....ton.20.00 - —
400 mesh, bgs., c.l., works, ton.18.00 - —
l.c.l., works....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., works, ton.30.00 - —
l.c.l., works....ton.35.00 -38.00
96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., works....ton.21.50 -23.00
99%, 325 mesh bgs., c.l., works..ton.20.00 - —
l.c.l., works....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., works....ton.15.50 - —
l.c.l., works....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works....ton.16.00 - —
Silicon tetrachloride, tech., dms., c.l., works..lb. .15½- —
l.c.l., works....lb. .18½- .27
Silver bullion....oz. .44¾- —
Cyanide, cns., 100 ozs....cz. .41½- —
Nitrate, bots., 100 ozs....oz. .32⅜- —
Nucleinate, USP, bots., dms.oz. .308 - .358
Proteinate, USP, bots., dms., oz. .288 - .338
Simarubra bark, bls....lb. .52 - .55
Skunk cabbage root, bls....lb. .25 - .30
Slate flour, bgs., c.l., works.ton.11.00 -12.00
l.c.l., works....ton.12.00 -13.00
Sloe berries, bgs....lb. .40 - .41
Smalt, black, ctns....lb. .06 - .08
Blue, ctns....lb. .07 - .08¼
Snakeroot, Canada, bls....lb. .80 - .85
Soapbark, bls....lb. .11¾- .12¼
crushed, bls., bbls....lb. .13 - .14
cut, dom., bls., bbls....lb. .16 - .19
imp., bbls....lb. .18 - .19
powd., bbls....lb. .16 - .17
Soda acetate, anhyd., dms., dlvd. lb. .08½- .0
NF, cryst., bbls., kgs....lb. .14 - .16
tech., 60%, l.c.l., dlvd....lb. .06½- .06
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works....100 lbs. 8.40 - —
other uses, bgs., c.l., works.. 100 lbs. 7.00 - —
l.c.l....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd....lb. .16 - .16½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., works....lb. .10¾- .11¼
Arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.: 2c. higher in Houston, Tex., and Palo Alto. Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.18 - —
2....100 lbs. 2.33 - —
3....100 lbs. 2.58 - —
4....100 lbs. 2.98 - —
bbls., c.l., works, zone 1.. 100 lbs. 1.35 - —
2....100 lbs. 2.50 - —
3....100 lbs. 2.75 - —
4....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.13 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.13 - —
2....100 lbs. 2.28 - —
3....100 lbs. 2.53 - —
4....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.45 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.45 - —
2....100 lbs. 2.60 - —
3....100 lbs. 2.85 - —
4....100 lbs. 3.25 - —
bulk, c.l....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1.... 100 lbs. 2.13 - —
2....100 lbs. 2.28 - —
3....100 lbs. 2.53 - —
4....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.35 - —
2....100 lbs. 2.50 - —
3....100 lbs. 2.75 - —
4....100 lbs. 3.15 - —
bulk, c.l....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93° Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. No. of 31°; (3) ArR. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Soda benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots....lb. .40 - .41
USP, dms., 2 tons or more..lb. .46 - —
smaller lots....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l., works....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l. ....100 lbs. 2.45 - —
Bichromate,[1,6] bgs., c.l., wks. lb. .07¾- —
l.c.l., works....lb. .07¾- .08½
Soda bichromate in bbls. ½c. higher.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis....lb. .12 - .14
kgs., same basis....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works....100 lbs. 1.60 - —
35°, bbls, c.l., works.100 lbs. 1.40 - —
l.c.l., works....100 lbs. 1.65 - —
40°, bbls., c.l., works.100 lbs. 1.55 - —
l.c.l., works....100 lbs. 1.80 - —
Bromide, USP, gran, bbls., 500 lbs., works..lb. .25 - —
fiber dms., 100 lbs., works. lb. .26 - —
Cacodylate, bots., dms....lb. 9.00 -12.90
Carbonate (see Soda ash, Soda monohydrate, Soda sal).
Soda caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, dlvd.... 100 lbs. 3.55 - —
2, dlvd....100 lbs. 3.70 - 5.05
3, dlvd....100 lbs. 3.95 - 5.30
4, dlvd....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works.... 100 lbs. 1.95 - —
70%, buyer's tanks, works.. 100 lbs. 1.97½- —
seller's tanks, works.... 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., Zone 1, dlvd.... 100 lbs. 3.15 - —
2, dlvd....100 lbs. 3.30 - —
3, dlvd....100 lbs. 3.55 - —
4, dlvd....100 lbs. 3.95 - —
Caustic soda zones are same as soda ash.
Chloride (see Salt).
Chlorate,[6] cryst., kgs., c.l., works..lb. .06¼- —
l.c.l., works....lb. .06½- —
powd., kgs., c.l., works....lb. .06¼- —
l.c.l., works....lb. .07 - .08½
Chromate,[1,5] bbls., cks., c.l., works, frt. equald..lb. .09¼- —
l.c.l., works, frt. equald..lb. .09½- .09¾
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls....lb. .18½- —
dms....lb. .19½- .22½
USP XII, gran., bbls....lb. .24 - —
dms....lb. .25 - .29
powd., bbls....lb. .24½- —
dms....lb. .25½- .29½
Cyanide,[6] 96-98%, dms....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09¾- .10½
anhydrous, dms., dlvd....lb. .12½- —
Soda fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works....lb. .068 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, crys., bbls..100 lbs. 1.25 - —
dms....lb. 1.40 - —
powder, 5c. higher.
solution, 50%, cbys., cns...lb. 82 - .90
Hydrosulphite, dms., c.l., frt. alld..lb. .16½- —
l.c.l., frt. alld....lb. .18 - —
Hydroxide, USP, sticks, dms.lb. .24 - .26
tech. (see Soda caustic).
Hypophosphite, NF, cns....lb. .67 - .70
Hyposulphite, crys., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea cryst., bgs., c.l., works.. 100 lbs. 2.60 - —
Soda, hyposulphite, crystals, in bbls., 20c. higher; pea crystals, dms., 50c. higher.
USP cryst., bbls....lb. .10 - .12
Iodate, dms., jars....lb. 5.40 - 5.48
Iodide, bots....lb. 2.53 - 2.57
dms., jars....lb. 2.42 - —
Mandelate, dms....lb. 3.25 - 3.35
Metantilate, bgs....lb. .40 - —
Metasilicate,[6] anhyd., dms., c.l., works, frt. equald.. 100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..100 lbs. 2.50 - —
l.c.l., dlvd....100 lbs. 3.30 - 3.55

Gasoline Needs Alkalies
CAUSTIC POTASH
CAUSTIC SODA
SODA ASH
SODIUM NITRITE
CALCIUM CHLORIDE
CHLORINE
Gasoline is the life blood of motive power... A gallon of gasoline, speed of flight, provides the driving force that runs engines and turns countless wheels and tracks. It generates heat. Important to gasoline are Solvay Alkalies and related products—proving that in war as in peace alkalies are indispensable!
SOLVAY SALES CORPORATION Alkalies and Chemical Products Manufactured by The Solvay Process Company

Soda methylate, bots., works..lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .60
Molybdate,[6] anhyd., kgs., works, lb. .47 - —
Monohydrate, bgs., c.l..100 lbs. 2.90 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls. .....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, c.l., works.....ton.27.00 - —
refd., gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac. whse..ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis.....ton.30.00 - —
Nitrite, 96-98%, bbls., c.l., works, frt. equald..lb. .06¾- —
west coast ports..100 lbs. 8.00 - 8.65
l.c.l., dlvd. .....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., works.100 lbs. 3.10 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bgs., works..lb. .10 - —
Pantothenate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equald...lb. .19 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works .....lb. .15½- —

Soda peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots .....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works.... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works., 100 lbs. 2.55 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.45
USP, XII, dried, bbls., dms., works..lb. .16 - —
gran., bbls., dms., works, lb. .10 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis.100 lbs. 6.50 - —
cryst., bgs., c.l., same basis, 100 lbs. 2.70 - —
l.c.l. same basis..100 lbs. 3.40 - —
kgs., c.l., works....100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
Soda phosphate in bbls. 20c. higher. USP (see Sodium phosphate, dibasic.
Prussiate, yellow, bgs.....lb. .10⅞- —
bbls. .....lb. .11 - —
Pyrophosphate,[6] tetra-basic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis.100 lbs. 5.40 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs. .....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms. .....lb. .52 - .54

Soda sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd....100 lbs. 2.70 - —
2, dlvd .....100 lbs. 2.85 - —
3, dlvd .....100 lbs. 3.10 - —
4, dlvd .....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.95 - —
l.c.l., dlvd. .....100 lbs. 4.05 - 4.30
Silicate, 40°, turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works ....100 lbs. 1.05 - 1.20
tanks, works .....ton.12.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works .....100 lbs. 1.65 - 1.80
tanks, works .....ton.25.00 - —
Silicofluoride, bbls., c.l., works, lb. .06½- .07
l.c.l., works.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., c.l., works, 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - 2.20
cryst. (see Glauber's salt).
USP, cryst., gran., bbls....lb. .07 - .10
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l. dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l. works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —

Soda sulphide, powd., bbls., c.l., works..100 lbs. 5.25 - —
l.c.l., works.....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, dms., c.l., works, 100% basis. lb. .06 - —
l.c.l., works.....lb. .08 - —
flake, 100% basis, works, lb. .03¾- —
flake, 70-72%, dms., c.l., works, lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Tetrapyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis..100 lbs. 5.40 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-cinchophen, bots., dms...lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand. cont. 125-250 lbs...lb. .19 - .22
Soda-sulphadiazin, USP, dms..lb.10.50 -10.60
Soda-sulphamerazin, dms.....lb.10.50 -10.60
Soda-sulphapyridine, powd., bots., dms..lb. 5.00 - 5.30
Soda-sulphathiazole, USP, dms.. lb. 2.50 - 2.80
Solvent naphtha,[6] dms., wks.gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —
high-flash, dms, works....gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
wire enamel,[6] ret. dms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis.....gal. .30 - —
tanks, works.....gal. .22 - —
Soybean meal,[1,7] 41%, bulk, c.l., Decatur..ton.45.00 - —
Protein, alpha, bgs., 40,000 lbs., works..lb. .20 - —
20,000 lbs., works.....lb. .20¼- —
smaller lots, works.....lb. .20½- .24
Sorbitol,[6] comml, dms., c.l., works. lb. .16¼- —
l.c.l., works.....lb. .16¾- —
Sparteine sulphate, bots., cns..oz. 2.25 - 2.30
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .33 - .34
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works .....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .16 - .20
St. Ignatius beans, bgs.....lb. No stocks.
St. John's bread, edible, bis...lb. .10¾- .11¼
Starch, corn, pearl, bgs..100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs. .....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l. .....lb. No stocks.
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .06 - —
Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks.
Stoneroot, bls. .....lb. .07½- .08
Storax, cs. .....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .20 - .21
Seed, bgs. .....lb. .20 - .21
Strontium bromide, cns., dms.lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls. .....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms. .....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works .....lb. .08¼- .08¾
Oxalate, bbls., works.....lb. .38 - .40
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., air-floated, 525 mesh 90%, bbls., works..ton.58.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.60 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.65 - 2.70
Strychnine, NF, cryst., cns., 100 ozs..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs.oz. .88 - —
Hypophosphite, cns., 100 ozs.oz. 1.00 - —
Nitrate, NF, cns., 100 ozs...oz. .82 - —
Phosphate, NF, cns., 100 ozs., oz. .89 - —
Sulphate, USP, cryst., cns., 100 ozs..oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, USP, dms.....lb. 9.00 - 9.10
Sulphaguanidin, dms.....lb. 4.50 - 4.60
Sulphamerazin, dms.....lb. 9.00 - 9.10
Sulphanilamide, USP, bots....lb. 1.50 - —
fib. dms. .....lb. 1.05 - 1.25
Sulphanilamide, 30-80 mesh, 10c. higher.
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiozole, dms. .....lb. 2.50 - 2.80
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs. .....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works, 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works.... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l., works 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
Refined sulphur mowers in bbls., 35c. higher
rock, bbls., c.l., works..100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works.100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90

And why not? Any painter can be proud of his work if he has used a coating pigmented with TITANOX-RC-HT (rutile calcium pigment—high tinting). The exceptional covering qualities and brilliant whiteness of such interior paints, whether flat or gloss, have made them prime favorites. Manufacturers have been quick to realize and capitalize on this fact.

Again where high gloss is required in white and tinted interior enamels, TITANOX-RC-HT X has become increasingly popular. This is particularly true when the gloss producing properties of the vehicle are critical. In addition to assuring high gloss, its easy wetting and dispersion and the same high hiding as RC-HT are features which make this fine composite pigment economical in manufacture and effective in use.

Our Paint Service Laboratory invites inquiry on technical problems.

TITANIUM PIGMENT CORPORATION
SOLE SALES AGENT
111 Broadway, New York 6, N. Y.
104 South Michigan Ave., Chicago 3, Ill.
350 Townsend St., San Francisco 7, Cal.
2472 Enterprise St., Los Angeles 21, Cal.

TITANOX
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Sulphur chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works .....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liq. com'l, cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - .08¼
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls. .....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., bulk, production points, Balto., unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt charge from Anaconda, Mont., in excess of $8.03 per ton; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.
triple, 40% or more a.p.a., bulk, producing points, Florida unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, bls., Calif.....lb. .75 - .76

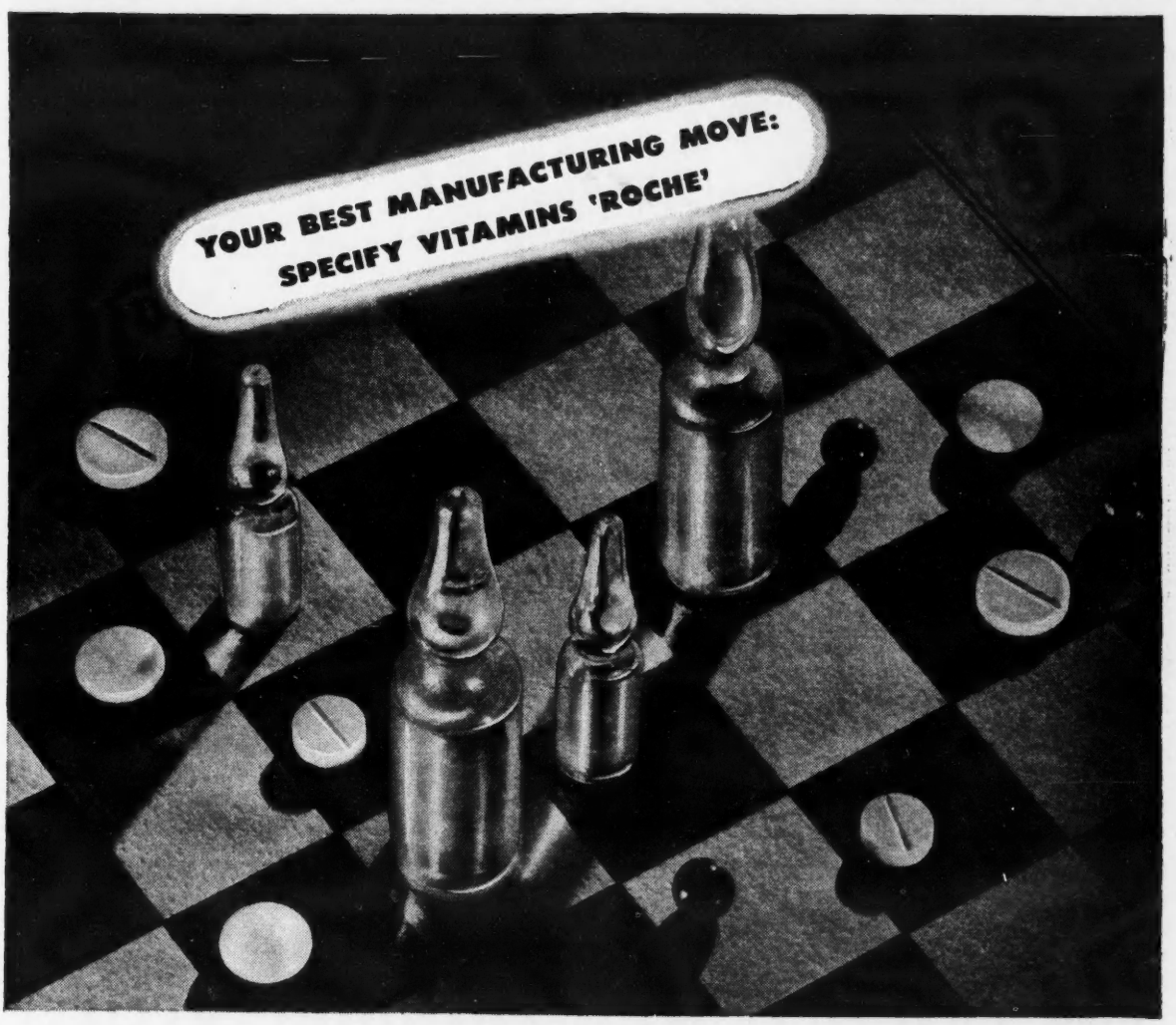
T

Talc, dom., ordinary grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works .....ton.16.50 -30.00
Calif., bgs., c.l., wks.ton.17.50 -43.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works .....ton.12.00 -14.50
Vermont, bgs., c.l., works, ton.14.00 - —
l.c.l. works .....ton.15.00 - —
fibrous, grd., coarse, off-color, New York, bgs., c.l., works, ton.13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works, ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
imp. Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose .....lb. .08¼- —
sulphonated, 50% (42% fat), dms., c.l..lb. .07 - .07½
(70% fat), dms. c.l.....lb. .10 - .10½
Tallow, sulphonated, l.c.l., ¼c. higher.
Tamarind, bbls. .....lb. .13 - .14
Tankage,[1,7] animal, feed grd., 9-11% ammon., bulk, unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,2] Brazil, bgs..lb. .06½- .07¼
Java, bgs. .....lb. No stocks.
Tar acid oil,[2,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works .....lb. .28½- .29¾
25%, dms., c.l., works..gal. .30 - —
l.c.l., works .....gal. .32 - —
Tar, pine (see Pinetar).
Tara,[1] powd., c.l. ex dock, U. S. ports..long ton.118.00 - —
Tarragon herb, bgs.....lb. 1.40 - 1.50
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms. .....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .24½- —
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. 13 - —
pure, dms.....lb. 84 - 86
Terpinyl ethyl ether, dms. (extra), c.l., works..lb. .19½- —
c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb .75 - 1.05
Terra alba (see Gypsum)
Tetrachloroethane, dms. works, lb. .08 - .08½
Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrallin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate,[9] 90%, bots., works..lb 12.50 - —
Theobromine,[1,6] dms., 25-lb. lots. lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride, dms., 100 grams or more..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works..lb. 2.00 - —
Thyme,[1] California, French type, bls., Pacific Coast..lb. .90 - .92
Spanish, bls.....lb .16½- .17
Thymol, cns.....lb 2.40 - 2.75
Iodide, dms .....lb. 3.40 - 3.80
Timbo root,[2,6] (see Cube root)
Tin chloride,[6] anhydrous.....lb. No stocks
crystals,[6] bgs., bbls.....lb No stocks
Metal,[1,6] .....lb. .52 - —
Bolivian .....lb. 63½- —
Straits .....lb No stocks
Oxide,[6] bbls.....lb .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb .31 - .33
Titanium dioxide,[1,4] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., dlvd.....lb. .15¼- .15¾
nonchalking,[1,6] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., dlvd.....lb. .16¾- .17¼
plain,[6] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd .....lb. .14¾- .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium, base,[1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Calcium, base,[1,4] bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd.....lb. .05¾- —
Calcium-rutile base,[1,4] bgs., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd.....lb. .05¾- —

Titanium, magnesium base,[1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs., works.....lb. .65 - 1.22
technical, 55-gal. dms., works lb .32 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. 1.60 - 1.85
Toluidin base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .53 - —
tanks, E. of Omaha, frt. alld. 2c. per gal .gal. .28 - —
West Minnequa, Colo. gal. 28 - —
1° nitration, ret. dms., works, gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal .gal. .29½- —
West Minnequa, Colo..gal. .29½- —
Tonga, 50% bark and vine, bbls., lb. .90 - .91
Tonka beans, Angostura, cks..lb. 1.50 - 1.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., bots, oz. .52 - —
Triacetin, dms., works.....lb. .28 - .33
Triamylamine, dms., c.l., works, lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, dms.....lb. .29 - .31
smaller pkgs. .....lb. .34 - .40
Phosphate, cns., l.c.l., dlvd..lb. .52 - .55
dms., l.c.l., dlvd.....lb. .49 - —
Tributylamine, dms., c.l., works, lb. .78 - —
l.c.l. works .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., frt., alld.....lb. .08½- —
tanks, frt. alld. .....lb. .07½- —
Trichloroethane, dms. c.l., works, l.c.l., works .....lb. .17 - —
lb. .16 - —
Trichloroethylene,[6] dms., c.l., Zone 1, works, frt. alld...lb. 08 - —
Zone 2, frt alld.....lb. 08½- —
Zone 3, frt. alld.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l., prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan., (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E). N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[6] tech., cns. works..lb .28 - .39½
dms., c.l., dlvd.....lb. 25 - —
l.c.l., dlvd. .....lb. .25½- —
tanks, dlvd. .....lb. .24 - —
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., c.l., wks. lb. .55 - —
l.c.l., works.....lb. .60 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd. .....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate,[9] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[2,4] (see Cube root).
Tungsten metal, powd.,[2] 99-99.7% dms., works..lb. 2.60 - 5.40
Oxide, kgs. .....lb. No prices.
Turmeric root, Alleppey, bls..lb. .10½- .11
Haitian, bls., Miami or New Orleans..lb. .09 - .09½
Madras, bgs. .....lb. .12 Nom.
Turpentine, gum, ret. dms...gal. .82½- .83½
Sulphate-wood, ret. dms...gal. .87 - .88
Wood,[1] d.d., dms., East....gal. .65 - .70
tanks, East .....gal. .60 - —
steam-dist., ret. dms East, gal. .80 - .83
tanks, East .....gal. .74 - .75

U

Unicorn root, false (see Helonias root)
True (see Aletris root).
Uranium,[6] oxide, black, bgs...lb. 2.55 - —
yellow, kgs .....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works, or Atlantic or Gulf ports..ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —



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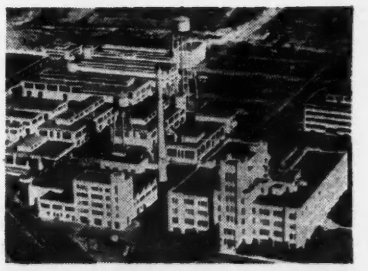
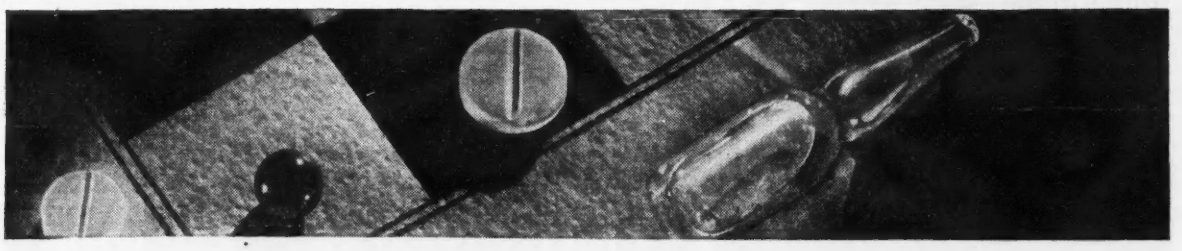
That is why your best manufacturing move is to specify vitamins 'Roche'—for thiamine hydrochloride, riboflavin, ascorbic acid, pyridoxine hydrochloride, alpha-tocopherol acetate, nicotinic acid, nicotinamide, calcium pantothenate.



HOFFMANN-LA ROCHE, INC.
Vitamin Division, Nutley 10, N. J.



Urea-ammonia, liquor (A and B), fixed ammonia content, Belle, W. Va., freight equalized with Hopeville, Va., NH_3, ton. 112.80 - —
usual Atlantic and Gulf ports, NH_3.. ton. 116.80 - —

C and D prices for Urea-ammonia liquor are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.

Urunday, c.l., ex dock, in bond, lb. .05 - —

Urunday price based on ocean frt., at $12, insurance $1, per lb.

Uva ursi leaves, bls.....lb. .19 - .20

V

Valerian root, NF, bls.....lb. .45 - .46
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 7.75 - 8.50
Mexican, cuts, tins.....lb. 9.50 -10.00
whole, tins.....lb. 10.50 -11.00
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] ex eugenol, tins, 25 lbs. or more..lb. 2.60 - —
smaller lots, tins.....lb. 2.65 - 2.75
ex guaiacol, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
ex lignin, tins, 25 lbs. or more, lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate,[6] cbys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., l.c.l., works, lb. .25 - —
Ether, bots., 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
25 c.c., same basis.....bot. .65 - —
Trichloride (see Trichloroethane).
Vinylpyridin, ret dms.. works.lb. 1.50 - —
Viosterol (irradiated ergosterol), bots., mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B, (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol)
E (see Alphatocopherol).
G (see Riboflavin).
P-F (see Acid, nicotinic, and Nicotinamide)
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .60
Wattle bark,[1] E. African, bgs., f.a.s..ton. 53.00 - —
S. Afr., bgs., f.a.s.....ton. 53.00 - —
Extract,[1] liquid, 35% tannin, bbls., works..lb. .05¼- .06¼
tanks .....lb. .04¾- .05¼
solid, E. Afr., 61% tannin, ex dock..lb. .05305- .05845
S. Afr., tannin, ex dock, lb. .0572- .0597
Wax, amorphous (see Wax, micro-crystalline).
Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton lots..lb. .58 - —
discs or cakes, bgs., ton lots..lb. .60 - —
ctns., ton lots.....lb. .61 - .63
slabs, bgs., ton lots....lb. .57 - —
crude, pure, African, bgs., ton lots..lb. .40 - —
smaller lots.....lb. .41 - .43
Western hemisphere, bgs., ton lots..lb. .44¾ Nom.
ref,d, USP, bricks, bgs., ton lots..lb. .53½- —
discs., bgs., ton lots....lb. .55½- —
ctns., ton lots.....lb. .56½- .58½
Wax, bees, refined, rounds or squares, bgs., ton lots..lb. .57½- —
ctns., ton lots.....lb. .58½- .60½
slabs, bgs., ton lots....lb. .52½- —
Candelilla,[1] crude, bgs., ton lots..lb. .38 - —
200 lbs. or over.....lb. .39 - —
100 lbs.....lb. .41 - —
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton lots.....lb. .44 - —
200 lbs. or over.....lb. .45 - —
100 lbs.....lb. .47 - —
smaller lots.....lb. .45 - .54
Carnauba,[1] chalky, No. 3, bgs., ton lots..lb. .71¼- —
smaller lots.....lb. .72¼- .81¼
North Country, No. 2, bgs., ton lots..lb. .75¾- —
smaller lots.....lb. .76¾- .85¾
No. 3, bgs., ton lots.....lb. .73½- —
smaller lots.....lb. .74½- .83½
refined, bgs., ton lots..lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton lots, lb. .83¼- —
smaller lots.....lb. .84¼- .93¾
No. 2, bgs., ton lots.....lb. .81¼- —
smaller lots.....lb. .82¼- .91¼
No. 3, bgs., ton lots.....lb. .79 - —
smaller lots.....lb. .80 - .89
Carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton lots..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., ton lots..lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., ton lots..lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Micro-crystalline, 170°-175° m.p., A.S.T.M., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
amber, ctns., smaller lots, same basis..lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots, same basis, lb. .13 - .13¾
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots, same basis, lb. .16½- .17½
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots, same basis, lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
smaller lots, same basis, lb. .29 - .29¼
Montan domestic, bgs.....lb. .80 - .35

—Continued on page 53

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

A

Abalyn (see methyl abetate in Current Market Quotations)
Acryloid, A-10, bbls., c.l.....lb. .36 - —
1-10-drum lots.....lb. .37 - .38
B-72, bbls., c.l.....lb. .44 - —
1-10-drum lots.....lb. .45 - .46
C-10, bbls., c.l.....lb. .28 - —
1-10-drum lots.....lb. .29 - .30
F-10, bbls., c.l.....lb. .46 - —
1-10-drum lots.....lb. .47 - .48
Acrysol, C-9, bbls., 1-10-drum lots..lb. .24½- .25
ER, bbls., 1-10-drum lots...lb. .50 - .58

Acryloid and Acrysol prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in the following States and cities:—New Eng. and Middle Atlantic States, Va., W. Va., N. C., Ky., O., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn.; St. Louis, Mo.; and Montreal and Toronto, Canada.

Amberlac B-94 (80% in xylol), bbls., c.l..lb. .22 - —
l.c.l. .....lb. .22½- —
Amberlac, 80-X, bbls., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
81-X, bbls., c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
80-MT, bbls., c.l.....lb. .16 - —
l.c.l. .....lb. .16½- —
Amberol, phenol formaldehyde type, F-7, light, bbls., c.l., lb. .16 - —
l.c.l. .....lb. .16½- —
dark, bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .16 - —
F-71, bbls., c.l.....lb. .16 - —
l.c.l. .....lb. .16½- —
F-77, bbls., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
K-12-A, bbls., c.l.....lb. .17 - —
l.c.l. .....lb. .17½- —
B/S-1 light, bbls., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
dark, bbls., c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
M-88, bbls., c.l.....lb. .17½- —
l.c.l. .....lb. .18 - —
M-93, bbls., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
226, bbls., c.l.....lb. .22½- —
l.c.l. .....lb. .23 - —
ST-137, bbls., c.l.....lb. .33 - —
l.c.l. .....lb. .33½- —
ST-137X, bbls., c.l.....lb. .32 - —
l.c.l. .....lb. .32½- —
HH-1 (70% in toluol), bbls., cl..lb. .33 - —
l.c.l. .....lb. .35 - —
rosin, maleic type, 800, extra light and light, bbls., c.l.lb. .15 - —
l.c.l. .....lb. .15½- —
801, extra light and light, bbls., c.l..lb. .16 - —
l.c.l. .....lb. .16½- —
801-P, bbls., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
806-P, bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .16 - —
808, bbls., c.l.....lb. .16½- —
l.c.l. .....lb. .17 - —
820, bbls., c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
925, bbls., c.l.....lb. .14 - —
l.c.l. .....lb. .14½- —
936, bbls., c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
750, bbls., c.l.....lb. .27 - —
l.c.l. .....lb. .27½- —

Amberlac and Amberol prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destintion on shipments of one barrel or more in the following States and cities:—New Eng. and Middle Atlantic States, Va., W. Va., N. C., Ky., O., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn.; St. Louis, Mo.; and Montreal and Toronto, Canada. Aroclors, distilled, dms., c.l., works. lb. .18 - —
ton lots, works.....lb. .18½- —
single dms., works.....lb. .19 - —
undistilled, dms., c.l., works. lb. .15½- —
ton lots, works.....lb. .16 - —
single dms., works.....lb. .16½- —

B

Bakelite, phenolic, BJ-15408, non-ret. dms., ton, works..lb. .24 - —
single dm. and less..lb. .24½- .27
BR-10433, non-ret. dms., ton, works..lb. .37 - —
single dm. and less.....lb. .37½- .40
BJ-15408, ret. dms., ton, works..lb. .24 - —
single dm. and less..lb. .24½- .27
BR-9366, non-ret. bbls., ton, works..lb. .18½- —
single dm. and less..lb. .19 - .21½
phenolic resins, rosin reactive, XR-15775, non-ret. dms., ton, works..lb. .33½- —
single dm. and less..lb. .34 - .36½
XR-15778, non-ret. dms., ton, works..lb. .50 - —
single dm. and less, works..lb. .50½ - .53
glycerin reactive, BR-10025, non-ret. bbls., ton, works, lb. .28 - —
single dm. and less, works..lb. .28½- —
single dm. and less..lb. .28½- .31
C-9 resins, solid types, BR-13202, non-ret. bbls., ton, works, lb. .15 - —
single dm. and less..lb. .15½- .18
BR-13260, non-ret. bbls., ton, works..lb. .37 - —
single dm. and less..lb. .37½- .40
liquid types, C-9 resins, oil modified, BR-14590, non-ret. dms., ton, works..lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15780, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37
Bakelite, liquid types, BR-16640, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37
100% paraphenyl phenol resin, pale, non-heat hardening BR-254, non-ret. bbls., ton, works..lb. .33 - —
single dm. and less, works..lb. .33½- .36
phenolic, pale, non-heat hardening, BR-9432, non-ret. bbls., works..lb. .31 - —
single dm. and less, works..lb. .31½- .34
BR-4036, non-ret. bbls., ton, works..lb. .37 - —
single dm. and less, works..lb. .37½- .40
BR-17700, non-ret. bbls., ton, works..lb. .32½- —
single dm. and less..lb. .33 - .35½
dark, non-heat hardening, BR-1329, non-ret. bbls., ton, works..lb. .29 - —
single dm. and less, works..lb. .29½- .32
BR-9434, non-ret. bbls., ton, works..lb. .25½- —
single dm. and less, works..lb. .26- .28½
BR-9476, dms., non-ret. bbls., ton, works..lb. .29 - —
single dm. and less, works..lb. .29½- .32
pale, heat-hardening, BR-3360, non-ret. bbls., ton..lb. .36 - —
single dm. and less, works..lb. .36½- .39
BR-10282, non-ret. bbls., ton, works..lb. .32 - —
single dm. and less, works..lb. .32½- .35
BR-14634, non-ret. bbls., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
phenolic resins, oil modified, BR-302, non-ret. dms., ton, works..lb. .346 - —
single keg and less, works..lb. .351 - .376
BR-2175 (MTO), non-ret. kegs, ton, works..lb. .38 - —
single dm. and less, works..lb. .38½- .41
resin-baking types, BV-1600, ret. dms., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
BV-8966 (MTO), non-ret. dms., ton, works..lb. .20 - —
single dm. and less, works..lb. .20½- .23
BV-10673, ret. dms., ton, works..lb. .35 - —
single dm. and less, works..lb. .35½- .38
BV-16607 (MTO), non-ret. dms., ton, works..lb. .212 - —
single dm. and less, works..lb. .217 - .249
3962-X, non-ret. dms., ton, works..lb. .277 - —
single dm. and less..lb. .282 - .307
BK-16700, non-ret. dms., ton, works..lb. .27 - —
single dm. and less..lb. .27½- .30
non-phenolic, XK-16624, non-ret. dms., ton, works..lb. .22½- —
single dm. and less..lb. .23 - .25½
resin modified, BR-2072, non-ret. bbls., ton, works..lb. .23 - —
single dm. and less, works..lb. .23½- .26
BR-2963, non-ret. bbls., ton, works..lb. .22 - —
single dm. and less, works..lb. .22½- .25
BR-11504, non-ret. bbls., ton, works..lb. .18 - —
single dm. and less..lb. .18½- .21
BR-11544, non-ret. bbls., ton, works..lb. .18 - —
single dm. and less..lb. .18½- .21
dispersion resin, phenolic, BK-phenolic lacquer resins and solutions, XR-3180, non-ret. dms., ton, works..lb. .45 - —
single dm. and less..lb. .45½- .48
XR-4357, non-ret. dms., ton, works..lb. .45 - —
single dm. and less, works..lb. .45½- .48
BR-9366, non-ret. bbls., ton, works..lb. .18½- —
XJ-10433, ret. dms., ton, works..lb. .37 - —
single dm. and less..lb. .37½- .40
liquid types, C-9 resins, lacquer types, XJ-16580, ret. dms., ton..lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15840, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37

Bakelite prices are f.o.b. manufacturer's plant or warehouse; minimum transportation charges prepaid on units of standard drums or over to destination in United States except as follows:—add 1c. per pound for delivery to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming.

Made-to-order materials marked (MTO) are those which are not stock materials (not stocked because of changes that occur in physical properties when stored for any length of time) and which therefore have to be manufactured upon receipt of orders and allocation of raw materials.

Beckacite, 1100 M-K, dms., c.l.lb. .16½- —
l.c.l., same basis.....lb. .17 - .17½
1102, M-K, dms., c.l.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
1112, WG-N, dms., c.l.....lb. .16½- —
l.c.l., same basis.....lb .17 - .17½
1116, K-1, dms., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - .17½
1123, dms., c.l.....lb. .16½- —
l.c.l., same basis.....lb. .17 - .17½
1124, M-K; P-306, M-K, dms., c.l..lb. .15½- —
l.c.l., same basis.....lb. .16 - .16½
P-405, N-K, dms., c.l.....lb. .16 - —
l.c.l., same basis.....lb. .16½- .17
1110, N-M, dms., c.l.....lb. .16 - —
l.c.l., same basis.....lb. .16½- .17
1111, WG-N, No. 1120, M-K, dms., l.c..lb. .16½- —
l.c.l., same basis.....lb. .17 - .17½
Beckamine, P-2, works, dms., c.l...lb. .11½- —
l.c.l., same basis.....lb. .12 - .12½
P-138, works, dms., c. l.....lb. .22 - —
l.c.l., same basis.....lb. .22½- .23
P-196, dms., c.l.....lb. .23 - —
l.c.l., same basis.....lb. .26½- .27
P-198, accelerator, works, dms., c.l..lb. .28 - —
l.c.l., same basis.....lb. .28½- .29
P-354, works, dms., c.l.....lb. .20½- —
l.c.l., same basis.....lb. .21 - .21½
P-364, works, dms., c.l.....lb. .13½- —
l.c.l., same basis.....lb. .13½- .14
Beckopol, 1400 M-K, dms., c.l..lb. .19½- —
l.c.l., same basis.....lb. .20 - .20½
Beckosol, solid, No. 18, 4-5 (80% M.S.), dms., c.l..lb. .26 - —
l.c.l., same basis.....lb. .27 - .28
No. 24, 4-5L (80% toluol), dms., c.l..lb. .33 - —
l.c.l., same basis.....lb. .34 - .35

TWO PRACTICAL Non-Phthalic RESINS!

you'll find them fine all-purpose enamel liquids for BRUSH, SPRAY or DIP application

Well suited for all indoor applications and for outdoor use where exposure is not severe, these U.S.I. resins afford successful alternates for phthalic alkyds (except for use with basic pigments).

S&W AROPLAZ 1125, is recommended as an all-purpose brushing-enamel liquid, especially suitable for whites. Slower drying than "1127", it has better color retention.

S&W AROPLAZ 1127 is a NEW resin similar to "1125", but with faster drying rate, better gloss retention, and higher resistance to water. It is recommended for spraying or dipping enamels (air-dry or bake) to be used on machinery, venetian blinds, etc.

These resins are more available than Phthalic alkyds, although uses are still limited to an extent (Allocation Order M-300, Schedule 103).

SPECIFICATIONS

	S&W Aroplaz 1125	S&W Aroplaz 1127
Solids	50% in MS	50% in VM&P Naphtha
Solution Viscosity (G-H)	R-T	Q-R
" Color (G-H)	9-11	9-11
" Wt./gallon @ 25C	7.5 lbs.	7.4 lbs.
Plastic Acid No.	22-28	22-30

Samples and additional data available upon request

U. S. INDUSTRIAL CHEMICALS, INC.
RESINS (Natural and Synthetic), CHEMICALS, SOLVENTS

60 E. 42nd St., New York 17, N.Y.
Branches in all principal cities

Beckosol, solid, No. 36, 4-5 (60% toluol), dms., c.l..lb. .38 - —
l.c.l., same basis.....lb. .39 - .40

C

Cumar resin,* AX, non-ret. dms., net weight..lb. .06¼- —
BX, net weight.....lb. .06¼- —
CX, gross weight.....lb. .05¾- —
DX, gross weight.....lb. .06¼- —
EX, gross weight.....lb. .05¼- —
FX, gross weight.....lb. .05¾- —
MH, col. 1.....lb. .11¾- —
1½-2.....lb. .10¾- —
2½-3½.....lb. .09¾- —
9.....lb. .06½- —
MS.....lb. .10¾- —
P 10°-90° C., col. 2½ and darker, lb. .10¾- —
RH.....lb. .10¾- —
RS.....lb. .10¾- —
V col. ½.....lb. .12¾- —
1.....lb. .11¾- —
1½-2.....lb. .10¾- —
2½ and darker.....lb. .09¾- —
W col. ½.....lb. .13½- —
1.....lb. .12½- —
1½-2.....lb. .11½- —
2½ and darker.....lb. .10½- —

All "P" grades with melting point below 50 degrees C., and grades AX and BX are shipped in steel drums, with the two last-mentioned grades reckoned on a net weight basis. All other grades are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankford, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Duraplex, A-25, 60%, bbls., c. l., lb. .19½- —
l.c.l.....lb. .20 - —
A-27, 60%, bbls., c.l.....lb. .19½- —
l.c.l.....lb. .20 - —
C-45, 60%, bbls., c. l.....lb. .17 - —
l.c.l.....lb. .17½- —
C-46, LV, 100%, bbls., c.l..lb. .24 - —
l.c.l.....lb. .24¾- —
C-49, 60%, bbls., c.l.....lb. .19 - —
l.c.l.....lb. .19½- —
AL-210C, 100%, bbls., c.l....lb. .17 - —
l.c.l.....lb. .17½- —

Duraplex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in the following States and cities:—New Eng. and Middle Atlantic States, Va., W. Va., N. C., Ky., O., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn.; St. Louis, Mo., and Montreal and Toronto, Canada.

Durite, 1301, pale, one drum and over..lb. .29 - —
smaller lots.....lb. .30 - —
Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, alkyd solution, A, dms., c.l., dlvd..lb. .15½- —
l.c.l.....lb. .16 - —
22-B, c.l., dlvd.....lb. .10½- —
l.c.l.....lb. .11 - —
33, c.l., any quantity, dlvd..lb. .15 - —
562, c.l., dlvd.....lb. .16½- —
l.c.l.....lb. .17 - —
660-N, c.l., dlvd.....lb. .15 - —
l.c.l.....lb. .15½- —
750, any quantity, dlvd....lb. .15 - —
2185, c.l., dlvd.....lb. .15 - —
l.c.l.....lb. .15½- —
2195, c.l., dlvd.....lb. .16 - —
l.c.l.....lb. .16½- —
2600, c.l., dlvd.....lb. .18 - —
l.c.l.....lb. .18½- —
3172, c.l., dlvd.....lb. .14½- —
l.c.l.....lb. .15 - —
4040, c.l., dlvd.....lb. .15 - —
l.c.l.....lb. .15½- —
4052-B, any quantity, dlvd..lb. .12 - —
5141, c.l., dlvd.....lb. .11½- —
l.c.l.....lb. .12 - —

F

Flexalyn solution, non-ret. black iron dms., c.l., f.o.b. cars, destination, zone 1.....lb. .1250- —
l.c.l., 10 dms., same basis..lb. .1325- —
single dms., same basis...lb. .1475- —
smaller lots, same basis..lb. .1975- —
C, non-ret. black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .1175- —
10 dms., same basis.....lb. .1250- —
single dms., same basis...lb. .1400- —
smaller lots, same basis..lb. .1900- —

G

G, resin, dms., gross weight, works..lb. .08 - —
Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs. works.. lb. .35 - —
5,000 to 29,999 lbs., same basis..lb. .36 - —
200 to 4,999 lbs., same basis. lb. .38 - —
up to 199 lbs., same basis..lb. .52 - —
No. 202, 30,000 lbs., works..lb. .40 - —
5,000 to 29,999 lbs., same basis..lb. .41 - —
200 to 4,999 lbs., same basis. lb. .43 - —
up to 199 lbs., same basis..lb. .58 - —
No. 203, 30,000 lbs., works...lb. .42 - —
5,000 to 29,999 lbs., same basis..lb. .43 - —
200 to 4,999 lbs., same basis. lb. .45 - —
up to 199 lbs., same basis..lb. .60 - —
Guai-a-phene, dms. (dm. deposit $6.00), works..gal. 2.47 - —
4 gals. or multiples, glass jars, 4 jars in each paper carton, works..lb. 2.62 - —
1-3 gals., cns., works.....gal. 2.82 - —

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.

J

Jozite (see zinc-iron oxide pigment in regular list above).

K

Kopol, 500, esterfied, D-B, c.l..lb. .22 - —
l.c.l.....lb. .22½- .23
501, fused, c.l.....lb. .20 - —
l.c.l.....lb. .20½- .21

L

Lewisol resin, 2 L, non-returnable light-gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
l.c.l., 10 dms., same basis..lb. .17 - —
Lewisol resin, l.c.l., 1 dm., same basis..lb. .17½- —
smaler lots, same basis....lb. .22½- —
28, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
10 dms., same basis.....lb. .17 - —
1 dm., same basis.....lb. .17½- —
smaller lots, same basis...lb. .22½- —
33, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
10 dms., same basis.....lb. .17 - —
1 dm., same basis.....lb. .17½- —
smaller containers, same basis. lb. .22½- —

Lewisol resin prices are f.o.b. cars, New Eng. and Middle Atlantic States, Va., W.Va., N.C., Ky., O., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn.; St. Louis, Mo. Prices are dms. included, not returnable.

M

Metronite pigment, 120 and 180 mesh, containers extra, c.l., f.o.b. Milwaukee..ton.10.00 - —
l.c.l., same basis.....ton.14.00 - —
250 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.50 - —
325 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.20.00 - —
400 mesh, containers extra, c.l., same basis..ton.20.00 - —
l.c.l., same basis.....ton.22.50 - —

N

N

Neo-fat drying oil, 170, dms., c.l., dlvd..lb. .14¾- —
190, dms., c.l., dlvd.....lb. .18¾- —
290, dms., c.l., dlvd.....lb. .20¾- —
fatty acid, 3R, dms., c.l., dlvd..lb. .14¼- —
17, dms., c.l., dlvd.....lb. .12¾- —
19, dms., c.l., dlvd.....lb. .16¾- —

Neo-fat prices are ½c. per lb. higher in all States west of the Rocky Mountains. Drums in all instances are returnable.

Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works..lb. .19 - —
hard, color 2-½-4, melting point 85-95°C., same basis..lb. .17 - —
soft, color 2-½-4, melting point 65-75°C., same basis..lb. .17 - —
10 C, color ½-4, same basis..lb. .24 - —
LX-483, same basis.....lb. .23 - —
OA, same basis.....lb. .45 - —
OP, same basis.....lb. .35 - —
RP, same basis.....lb. .25 - —
TS, same basis.....lb. .50 - —
RT, same basis.....lb. .31 - —
RA, same basis.....lb. .31 - —
RS, same basis.....lb. .50 - —
Neville resin*, R-1 nevindene, color ½, dms., works..lb. .13½- —
R-3, nevindene, color 1, dms., works..lb. .12¼- —
R-5, nevindene, color 1½-2, dms., works..lb. .11½- —
R-6, nevindene, color 2½-3½, dms., works..lb. .10½- —
R-7, N.P.S., color below 3, dms., works..lb. .12¾- —
R-9, hard, color ½, dms., works..lb. .12¾- —
R-10, hard, color 1, dms., works..lb. .11¾- —
R-11, hard, color 1½-2, dms., works..lb. .10¾- —
R-12, hard, color 2½-3½, dms., works..lb. .09¾- —
R-13, medium, color ½, dms., works..lb. .12¾- —
R-14, medium, color 1, dms., works..lb. .11¾- —
R-15, medium, color 1½-2, dms., works..lb. .10¾- —
R16, medium, color 2½-4, dms., works..lb. .09¾- —
R-16A, medium, color 7-10, dms., works..lb. .08½- —
R-17, medium, soft, color 3½-8, dms., works..lb. .10¾- —
R-19, medium, soft, color 3½-8, dms., works..lb. .10¾- —
R-21, soft, color 3½-8, dms., works..lb. .10¾- —
R-22, special, soft, color 3½-8, dms., works..lb. .10¾- —
R-27, medium, soft, color 1, dms., works..lb. .13¾- —
R-28, medium, soft, color 1½-8, dms., works..lb. .12¾- — —
R-29, medium, soft, color 2½-2, dms., works..lb. .12¾- —
465, 110-125°C., dms., gross weight, Pittsburgh..lb. .03½- —

Neville resin prices, except 465 resin, are freight equalized with Phila. Less than full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.

Nevilloid, C-55 emulsion, ret. dms., works..lb. .12 - —
C-10 emulsion, ret. dms., works lb. .1125- —
Nevtex, 10, returnable dms., works..lb. .08 - —
90, returnable dms., works.lb. .20 - —
Nuba, 1, 80-95° C., dms., gross weight, works..lb. .0290- —
2, 100-125° C., dms., gross weight, works..lb. .0290- —
3x, 135-150° C., dms., gross weight, works..lb. .04¼- —
Nuodex drier, cobalt, 6%, 400-lb. pkgs..lb. .30¼- —
10%, 100-lb. pkgs.....lb. .48½- —
Iron, 6%, 400-lb. pkgs.....lb. .14¾- —
10%, 100-lb. pkgs.....lb. .23¼- —
Lead, 24%, 450-lb. pkgs...lb. .14 - —
34%, 100-lb. pkgs.....lb. .19 - —
Manganese, 10%, 100-lb. pkgs. lb. .25¼- —
6%, 400-lb. pkgs.....lb. .15¾- —
Zinc, 8%, 400-lb. pkgs.....lb. .15¾- —
12%, 100-lb. pkgs.....lb. .22½- —
Lead-cobalt, 28%;, 2.8%, 150-lb. pkgs..lb. .29½- —
Lead-manganese, 28%; 2.8%, 150-lb. pkgs..lb. .22¾- —

All prices are dlvd. in U.S.A., except California, Oregon and Washington.

P

Paradene,* No. 1, 75-99° C., color 12-16, dms., gross wt., works, lb. .0525- —
2, 100-127° C., color 12-16, dms., gross wt., works..lb. .0525- —
33, 34, color 10-15, dms., works. lb. .0625- —
35, color 10-15, dms., works, gross wt..lb. .0575- —

Paradene prices are freight equalized with Philadelphia, Pa.

Paradura, 46, c.l., dlvd.....lb. .22¾- —
l.c.l.....lb. .23¼- —
273, c.l., dlvd.....lb. .23 - —
l.c.l.....lb. .24 - —
Paranol resin, hard, No. 1, c.l., dlvd..lb. .15 - —
l.c.l.....lb. .15½- —
25, c.l., dlvd.....lb. .15½- —
l.c.l.....lb. .16 - —

You can't beat the

VELSICOLS*

for effectiveness

SPEED OF KNOCKDOWN
PERCENTAGE KILL
PERSISTENCE OF REPELLENCY
RANGE OF INSECT CONTROL

Household and livestock sprays and agricultural insecticides formulated with Velsicol Insecticidal Materials meet every test for uniform dependability and performance. Measured by speed of knockdown, percentage kill, persistence of repellency, safety, stability, mild odor and range of insect control, Velsicol's superiority is outstanding. That is why today Velsicol-based insecticides are serving the most exacting requirements in the control of the nation's insect problem.

We invite your inquiries concerning the possibilities which the Velsicols have for your production of household and livestock sprays and agricultural insecticides. Write or call for samples and complete information.

TOXICANTS • REPELLENTS • SOLVENTS • EXTENDERS

* Velsicol AR-50 Special, for Household Sprays.

Velsicol AR-60 for Livestock Sprays and for Agricultural Insecticides.

VELSICOL

VELSICOL
Corporation

GENERAL OFFICE:
120 EAST PEARSON STREET, CHICAGO 11, ILLINOIS

FOR QUICK-BAKE, DURABLE FINISHES, USE 2480 GLYPTAL

This Glyptal will prove a first-rate vehicle in producing quick-baking finishes for a wide variety of applications—in white and colored enamels, baking primers, force-dry wood finishes, lacquer-resisting and "one-shot" baking primers, heat-resisting finishes and many others where a combination of hardness, toughness, and flexibility is required. It generally is used with 10 to 50% urea or melamine resins.

Properties of 2480 Glyptal

Solids content	49-51%
Solvent	Solvesso No. 2 + 5% Butanol
Viscosity	Z1-Z2
Color (Hellige)	1-2
Acid No. of solution	4-5
Pounds per gallon	8.2
Aliphatic solvent tolerance	Fair
Pigment compatibility	Excellent
Air dry—setting time	Fast
Baking speed	Very Fast
Hardness	Very Good
Flexibility	Very Good
Gloss	Excellent
Color retention	Excellent
Water resistance	Very Good
Oil and gasoline resistance	Excellent
Weather resistance	Excellent
Specific gravity (Resin)	1.15
Phthalic anhydride (Resin)	40%
Rosin or derivatives	None
Phenolic content	None
Oil acids content (Resin)	35

GLYPTAL
ALKYD RESINS

A G-E specialist is always available to discuss your present and post-war paint problems. Just write to: Section RIMA-853, Resin and Insulation Materials Division, Chemical Dept., General Electric Company, Schenectady 5, N. Y.

GENERAL ELECTRIC
CD45-G1

Durez RESIN NEWS

Durez 570 Resin

The most durable resin in the Durez line of pure phenolic oil soluble resins is Durez 570. This is a very pale, soluble-type resin made on the base of an alkyl phenol.

Oleoresinous finishes, both clear and pigmented, based on Durez 570 Resin and a water-resistant oil such as tung oil, dry well with good hardness, high gloss, and very good flexibility. It may be used in a wide range of coatings including short-oil reinforcing varnishes, interior and exterior enamels and varnishes, porch and deck paints, industrial baking and air-drying finishes, marine paints, and spar varnishes. For maximum durability, it is used straight with oil and in amounts as low as 15% with other resins to give improvements in resistance, durability, and gloss retention.

Durez 570 is outstanding for producing finishes which are resistant to alkali, water, salt spray, and acids. It gives very high initial gloss which is retained for long weathering periods. The high degree of resistance and durability makes Durez 570 Resin well suited for use in specification and industrial finishes of the oleoresinous types. It is simple to cook, and its ready solubility when cooked with oils makes possible the use of mineral spirits as thinner.

White Enamel

Durez 550, the phenolic resin which gives so many desirable properties to a tung-oil enamel, can be used to equal advantage in an enamel vehicle based on a predominance of dehydrated castor oil.

A very satisfactory, fairly fast-drying, gloss white enamel can be made with a vehicle consisting of 80% dehydrated castor, 20% tung oil, and a combination of Durez 550 Resin and ester gum. The enamel film has good color which is retained to a large extent on aging. The enamel applies well and levels out to a smooth, glossy film having good water resistance, washability, and gloss retention.

A typical vehicle is covered by V-51125, and a white pigmentation is covered by number E-51126.

Fast-Drying Primer

A very fast-drying, rust-inhibiting primer can be made with V-7441A, a fast-drying varnish based on Durez 202 Resin.

The primer, which carries number P-51109, is pigmented with a combination of iron oxide, zinc chromate, and inert. The film sets in less than an hour and dries tack-free in 3 to 4 hours. The dried film is low in gloss and acquires excellent adhesion and hardness.

The P-51109 Primer can be adapted to any standard means of application and is suitable wherever a fast-setting, fast-drying, rust-inhibiting primer of good performance is required.

Chart

A handy reference chart showing many of the more important physical and chemical properties of all the standard Durez Coating Resins is available in file size.

Information such as is most generally required in formulating finishes is available at a glance. The differences in properties of the various grades can be determined readily and the best resin selected for a particular purpose.

For samples or further information on above Durez resins, write to . .

DUREZ PLASTICS & CHEMICALS, INC.
388 Walck Rd., North Tonawanda, N. Y.

DUREZ
RESINS THAT FIT THE JOB

Paranol resin, hard, 54-E, c.l., dlvd.	lb.	.18½-	—
l.c.l.	lb.	.19 -	—
105, dark, c.l., dlvd.	lb.	.14½-	—
l.c.l.	lb.	.15 -	—
X hard, No. 1, c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.16 -	—
200, c.l., dlvd.	lb.	.17¾-	—
l.c.l.	lb.	.18¼-	—
500, hard, c.l., dlvd.	lb.	.16½-	—
l.c.l.	lb.	.17 -	—
X hard, c.l., dlvd.	lb.	.19 -	—
l.c.l.	lb.	.19½-	—
850, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
1750, c.l., dlvd.	lb.	.16¾-	—
l.c.l.	lb.	.17¼-	—
1855, c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.16 -	—
Paraplex, RG-2, 60%, bbls., c.l.	lb.	.27 -	—
1-10 drum lots	lb.	.27½-	.28
RG-7, 60%, bbls., c.l.	lb.	25 -	—
1-10 drum lots	lb.	.24½	.25
RG-8, 100%, bbls., c. l.	lb.	.29 -	—
1-10 drum lots	lb.	.29¾-	.30½
G-20, 100%, bbls., c. l.	lb.	.67 -	—
1-10 drum lots	lb.	.67¾-	.68½
5-B, 80%, bbls., c.l.	lb.	.23½-	—
1-10 drum lots	lb.	.24 -	.24½
AL-16, 70%, bbls., c.l.	lb.	.23 -	—
1-10 drum lots	lb.	.23½-	.24
AL-111, 100%, bbls., c.l.	lb.	.21 -	—
1-10 drum lots	lb.	.21¾-	.22½

Paraplex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in the following States and cities:—New Eng. and Middle Atlantic States, Va., W. Va., N. C., Ky., O., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn.; St. Louis, Mo., and Montreal and Toronto, Canada.

Parazenes, 5 solid resins, c.l. and l.c.l., dlvd.	lb.	.13 -	—
4634 solutions (50% in mineral spirits), c.l., dlvd.	lb.	.11 -	—
l.c.l.	lb.	.11½-	—
Pentalyn A, non-returnable light gauge steel dms., f.o.b. cars, destination, zone 1.	lb.	.13 -	—
l.c.l., 10 dms., same basis,	lb.	.13½-	—
single dms., same basis.	lb.	.14 -	—
smaller lots, same basis.	lb.	.19 -	—
G, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.14½-	—
l.c.l., 10 dms., same basis,	lb.	.15 -	—
single dms., same basis.	lb.	.15½-	—
smaller lots, same basis.	lb.	.20½-	—
P.H.O., dms., works	lb.	.24 -	—
Piccolastic, A, B, C, D, E types, c.l., Clairton, Pa.	lb.	.24 -	—
l.c.l., same basis	lb.	.24½-	—
F series, c.l., same basis.	lb.	.14½-	—
l.c.l., same basis	lb.	.15 -	—
powder, same basis	lb.	.35½-	—
Piccolyte resins, S-10, S-25, S-40, bulk, net wt., f.o.b. Clairton, Pa., c.l.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
S-55, S-70, same basis, c.l.	lb.	.16 -	—
l.c.l.	lb.	.16½-	—
S-85, S-100, same basis, c.l.	lb.	.17 -	—
S-85, S-100, same basis, c.l.	lb.	.17 -	—
l.c.l.	lb.	.17½-	—
S-115, same basis, c.l.	lb.	.18 -	—
l.c.l.	lb.	.18½-	—
Piccoumaron resins,[6] 420, 420-S, bulk, gross wt., f.o.b. Clairton, Pa., frt. equald.	lb.	.08 -	—
420-T, same basis	lb.	.0675-	—
422-R, 423-R, 425-R, 427-R, bulk, net wt., same basis.	lb.	.1075-	—
430, 435, bulk, gross wt., same basis.	lb.	.045 -	—
440-T, same basis	lb.	.0625-	—
450, 450-H and 450-S, same basis.	lb.	.09 -	—
450-EH, same basis	lb.	.0975-	—
460-T, same basis	lb.	.0575-	—
XX-25, XX-40, bulk, net wt., same basis.	lb.	.0625-	—
XX-55, bulk, gross wt., same basis.	lb.	.0575-	—
XX-70, XX-100, same basis,	lb.	.0525-	—
XX-115, same basis	lb.	.0575-	—
T-115, same basis	lb.	.0725-	—
70%, 420-S Sol., ret. dms., net wt.	lb.	.078 -	—
Picolyte, S-1, powder, ton lots, works.	lb.	.75 -	—
dm. lots, same basis	lb.	.78 -	—
less dm. lots, same basis.	lb.	.83 -	—
milled S-1 resin, ton lots	lb.	.84 -	—
dm. lots, same basis	lb.	.88 -	—
less dm. lots, same basis.	lb.	.93 -	—
Plyophen, solution, 5000, c.l., works.	lb.	.18 -	—
l.c.l., same basis	lb.	.18½-	.19
5010, c.l., same basis	lb.	.17 -	—
l.c.l., same basis	lb.	.17½-	.18
5011, c.l., same basis	lb.	.17½-	—
l.c.l., same basis	lb.	.18 -	.18½
5012, 5013, c.l., same basis.	lb.	.13 -	—
l.c.l., same basis	lb.	.13½-	.14
Plyophen solut., 5014, c.l., same basis.	lb.	.15 -	—
l.c.l., same basis	lb.	.15½-	.16
Polyamide, ED, Nos. 93, 94 and 95, f.o.b. works, all quantities.	lb.	.45 -	—
Polypale ester, No. 1, non-ret. dms., c.l., dlvd.	lb.	.12 -	—
l.c.l., same basis	lb.	.12¼-	.12½
No. 2, non-ret. dms., c.l., dlvd.	lb.	.14¾-	—
l.c.l., same basis	lb.	.1551-	.1641
No. 10, non-ret. dms., c.l., dlvd.	lb.	.10½-	—
l.c.l., same basis	lb.	.10¾-	.11

R

Resinous oil, No. XI, returnable dms., works.	lb.	.0160-	—

S

Silene (see Calcium silicate hydrated under C in Current Market Quotations).			
Staybelite ester, No. 1, ret. dms. (dms. charged $1 each, extra), f.o.b. cars., c.l., destination, zone 1.	lb.	.17¼-	—
10 dms., same basis	lb.	.18 -	—
1 dm., same basis	lb.	.19 -	—
smaller lots, same basis	lb.	.24 -	—
No. 2, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.1824-	—
No 3, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.1974-	—
10 dms., same basis	lb.	.2049-	—
1 dm., same basis	lb.	.2149-	—
smaller lots, same basis	lb.	.2649-	—
No. 10 non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1.	lb.	.14½-	—
No. 10, dms., same basis	lb.	.14¾-	—
1 dm., same basis	lb.	.15 -	—
smaller lots, same basis	lb.	.20 -	—
Super-Beckacite, RM-354-1001, c.l.	lb.	.33	—
l.c.l., same basis	lb.	.33½-	.34
Super-beckacite, 1003, F.E., c.l.,	lb.	.31 -	—
l.c.l. same basis	lb.	31½-	.32
2000, M-K, c.l.	lb.	.27 -	—
l.c.l., same basis	lb.	.27½-	.28
2667, E-D, c.l.	lb.	.23 -	—
l.c.l., same basis	lb.	.23½-	.24
3011, c.l.	lb.	.31½-	—
l.c.l.	lb.	.32 -	.32½

U

Uformite, F-200-E, bbls., c.l.	lb.	.20½-	—
1-10 drum lots	lb.	.21	.21½
F-226-E, bbls., c.l.	lb.	.22 -	—
1-10 drum lots	lb.	.22½-	.23
MM-55, bbls., c.l.	lb.	.28½-	—
1-10 drum lots	lb.	.29 -	.29½
MU-56, bbls., c.l.	lb.	.27 -	—
1-10 drum lots	lb.	.27½-	.28

Uformite prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in the following States and cities:—New Eng. and Middle Atlantic States, Va., W. Va., N. C., Ky., O., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn.; St. Louis, Mo., and Montreal and Toronto, Canada.

V

Vanadiset resins, dlvd., Baltimore-Washington area, Del., c.l.	lb.	.020 -	—
under 2,000 lbs.	lb.	.041 -	—
Greater N. Y., N. J., Conn., c.l.,	lb.	.018 -	—
under 2,000 lbs.	lb.	.04 -	—
Ala., Fla., Ia., Minn., Miss., c.l.	lb.	.021 -	—
under 2,000 lbs.	lb.	.044 -	—
Ariz., Cal., Canada in general, Nev., N. M., Ore., Utah, Wash. State, c.l.	lb.	.028 -	—
under 2,000 lbs.	lb.	.047 -	—
Ark., Colo., Neb., c.l.	lb.	.023 -	—
under 2,000 lbs.	lb.	.043 -	—
Canada, Windsor to Montreal, c.l.	lb.	.022 -	—
under 2,000 lbs.	lb.	.043 -	—
Ga., Ill., Ky., Tenn., Mo., c.l.,	lb.	.021 -	—
under 2,000 lbs.	lb.	.043 -	—
Idaho, Wyo., Mont., c.l.	lb.	.028 -	—
under 2,000 lbs.	lb.	.047 -	—
Louisiana, Okla., Texas, Kan., Dakotas, c.l.	lb.	.023 -	—
under 2,000 lbs.	lb.	.043 -	—
Maine, Mass., N. H., R. I., Vt., c.l.	lb.	.021 -	—
under 2,000 lbs.	lb.	.041 -	—
N. Y. State, Pa., East, c.l.	lb.	.020 -	—
under 2,000 lbs.	lb.	.042 -	—
Ohio, Ind., W. Va., Mich., c.l.,	lb.	.019 -	—
under 2,000 lbs.	lb.	.042 -	—
Pa., west of Susq. Riv., west and North of Williamsport, Md., Frederick and West, c.l.	lb.	.020 -	—
under 2,000 lbs.	lb.	.042 -	—
Wis., c.l.	lb.	.021 -	—
under 2,000 lbs.	lb.	.044 -	—
pulverized, Newark, N. J.	lb.	.12 -	.25
Vinylseal adhesive solutions, vinylite resin AYAB, 69-72% by weight, solution in acetone, A-70, drum lots, f.o.b. South Charleston, W. Va.	gal.	2.75 -	—
less than drum lots, same basis.	gal.	3.00 -	—
AYAF, 35% by weight, solution in acetone, A-35, drum lots, same basis.	gal.	2.10 -	—
less than drum lots, same basis.	gal.	2.50 -	—
modified, vinyl acetate resin, 24.5% by weight, solution in toluene, T-24-9, 20-drum lots, same basis.	gal.	2.00 -	—
drum lots, same basis.	gal.	2.25 -	—
less than drum lots, same basis.	gal.	2.50 -	—
28% by weight, solution in 82% methyl acetate, MA 28-14, 20-drum lots, same basis.	gal.	2.15 -	—
drum lots, same basis.	gal.	2.40 -	—
less drum lots.	gal.	2.65 -	—
All "Vinylseal" containers except 1-gal. size are returnable. Extra charge of 40c. for 1-gallon containers; 55-gallon drums are valued at $5 each.			
Vinyl chloride - acetate, VYLF, VYHH, VYNW, VYNU, VYNY, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va.	lb.	.35 -	—
10,000 to 29,999 lbs., same basis.	lb.	.36 -	—
200 to 9,999 lbs., same basis,	lb.	.37 -	—
1 to 199 lbs., same basis.	lb.	.53 -	—
VYNS, c.l. (30,000 lbs.), paper bags, same basis.	lb.	.47 -	—
10,000 to 29,999 lbs., same basis.	lb.	.48 -	—
200 to 9,999 lbs., same basis,	lb.	.49 -	—
1 to 199 lbs., same basis.	lb.	.65 -	—
modified vinyl chloride-acetate, VMCH, powdered, c.l. (30,000 lbs.), paper bags, same basis.	lb.	.42 -	—
10,000 to 29,999 lbs., same basis.	lb.	.43 -	—
200 to 9,999 lbs., same basis,	lb.	.44 -	—
1 to 199 lbs., same basis.	lb.	.60 -	—
Acetate resins, AYAB, lumps (in fiber drums at option of seller); AYAA, AYAF, AYAT, granular (in paper bags only, f.o.b. cars South Charleston, W. Va., freight paid to destination E of Mississippi river, c.l. (30,000 lbs.).	lb.	.40 -	—
2,000 to 29,999 lbs., same basis.	lb.	.43 -	—
200 to 1,999 lbs., same basis.	lb.	.45 -	—
1 to 199 lbs., same basis.	lb.	.60 -	—
chloride resins, QYNA, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars South Charleston, W. Va.	lb.	.38 -	—
10,000 to 29,999 lbs., same basis.	lb.	.39 -	—
200 to 9,999 lbs., same basis,	lb.	.40 -	—
1 to 199 lbs., same basis.	lb.	.56 -	—
butyral resins, XYHL, XYHM, XYNC, granular, 93 to 97% solids, prices based on contained solids (in paper bags at option of seller), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l.	lb.	.82 -	—
10,000 to 29,999 lbs., same basis.	lb.	.83 -	—
200 to 9,999 lbs., same basis.	lb.	.84 -	—
1 to 199 lbs., same basis.	lb.	1.00 -	—

Z

Zinlac, orange or white, 50-gal. bbls.	gal.	1.50 -	—
kits (5 gals.)	gal.	1.55 -	—
jugs (1 gal.)	gal.	1.60 -	—

low-cost plasticizer now available without priority!

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PHYSICAL AND CHEMICAL PROPERTIES
(From Typical Analyses)

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BOILING POINT AT 760 MM.	Approx. 330°C.
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SPECIFIC GRAVITY AT 40°/15.5°C.	Approx. 1.189
VISCOSITY AT 25°C.*	38 Centipoises
VISCOSITY AT 45°C.	12 Centipoises
WEIGHT/GALLON	Approx. 9.9 Lbs.
FLASH POINT	143°C. (289.5°F.)
FIRE POINT	179°C. (354.5°F.)

*Obtained on supercooled material.

SOLUBILITY: Practically insoluble in water (either hot or cold). Readily soluble in—

Benzene	Methyl Ethyl Ketone	Carbon Tetrachloride	Pine Oil
Ethyl Alcohol	Ethyl Acetate	Perchlorethylene	Turpentine
Methyl Alcohol	Amyl Acetate	Glacial Acetic Acid	Linseed Oil
Ether	Ortho-Dichlorobenzene	Mineral Spirits	Soya Bean Oil
Acetone			Corn Oil

COLOR AND APPEARANCE — Grade A: Light greenish yellow crystalline solid or oily liquid. Grade B: Light to dark reddish brown crystalline solid or oily liquid.

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59 John Street, New York 7, N. Y., U. S. A.

Telephone: REctor 2-9820
Cable Address: Reporter, New York

William S. Auchincloss, President and Treasurer; Jean Schnell Auchincloss, Vice-President; Hugh Craig, Vice-President; Burr Price, Vice-President; M. B. Powers, Assistant Treasurer; A. L. Koch, Secretary.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates, including postage, in the United States and possessions, Cuba, Mexico, Central America and South America, $5.00; Canada and Newfoundland, $7.00; other countries, $10.00; single copies, 25 cents each.

Member of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

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Volume 148 August 6, 1945 Number 6

Easing Price-Controls

The Office of Economic Stabilization has authorized the Price Administrator to suspend price-control when he thinks that such a loosening of the profit motive "will not result in an increase in prices above the general level of existing ceilings for the commodity." As prices almost without exception at the consumer level, taken as a whole, are above ceiling levels, it is difficult to understand just what the price administrator is to think.

Authority to suspend price-control has also been given with respect to commodities not entering significantly into the cost of living or the cost of doing business —in the price administrator's judgment, that is. The authority extends also to instances where "administrative difficulties" are out of proportion with the "effectiveness of control or the contribution to stabilization." That states a condition which exists almost throughout the welter of so-called "price-control."

It has long been argued that there was no sense (type not defined) in putting ceilings on luxury goods. The Office of Price Administration itself has had that view of its job; but the War Production Board and the War Manpower Commission have blocked the official lifting of luxury lids with the argument that the resulting increase in production would steal materials and men from the production of useful and necessary commodities. It has also been argued that there was something cockeyed about letting the purveyor of unnecessary goods make all the profit he could get while restricting the earnings of those who perform a necessary public service in the distribution of essential commodities.

The Office of Economic Stabilization has endeavored to meet the objections to the lifting of luxury ceilings by requiring the Price Administrator to limit his suspensions to such instances as present no threat of "diversion of materials, facilities, or manpower from war production or any substantial diversion from the production of other commodities." Again this is to be determined by the judgment of the administrator, which has not exactly manifested encouraging reliability.

It is argued that control of luxury goods prices is no longer necessary to war. It is overlooked that control of all prices is very necessary to a sane return to peace. Why the lessons of the inflation and depression that followed the previous world war are so generally disregarded even by those whose duty it is to strive to prevent inflation, is not understandable. That, of course, is nothing new, but one would expect human intelligence to have advanced at least somewhat during the three centuries since the good Bishop Butler remarked:—

> Things and actions are what they are, and the consequences of them will be what they will be; why, then, should we desire to be deceived?

It may be true that "the world do move," but nobody can prove that it is getting anywhere.

—O-P-D—

Economic Plan Laid Out

Before going home for the ten-weeks' vacation—with pay—a score or so "liberal" United States Senators made up a program of what they, with the help of enough others to make a majority of Congress, were going to do for the economic welfare of the nation after they got back from their resting. It is an impressive program, starting with the creation of a supreme economic council and running off in a dozen directions to cover all sorts of things, from higher wages and lower prices to stabilized coal production and community construction.

At the same time, the senate majority leader came out with a list of fifteen unfinished agenda, likewise looking to national economic improvement—but not always gazing along the same lines.

So, Congress is planning along almost thirty lines to keep the country going. This planning must be shared by business, which will be called upon, as usual, to provide the necessary motive power. Business should find some means of having a workable program laid out ready for Congress when the schoolbell rings in October.

—O-P-D—

Co-operative Research

The past week has brought another bit of encouraging evidence of a proper conception of the much heralded national policy of scientific research. A printing ink research institute is being promoted by the industry with the stated purpose to:—

> . . . develop co-operatively, through the strength of combined brains, the answers (obtainable only through research) to some of the problems we face in today's markets and will have to face in our markets after the war, [and to] co-ordinate, for the advantage of our industry, the research projects carried on by other allied industries.

The printing ink industry is fortunately constructed and its field is well adapted for a co-operative project in research. This is not true of all industries. But, there is no industry which cannot be benefited by a policy and program of co-operative or, at least, correlated research in respect of its broad, general problems. There is room also in every industry for united operations in the searching of the scientific and technical literature of its field. Much work has been done by many scientists and technicians, the records of which have been forgotten, and it is duplicated in many laboratories every day. Much time could be saved by a compilation of facts long discovered and implications long ago observed. Also, as even some very useful contributions to the conduct of the war attest, much that is directly useful lies forgotten and unknown among the records of the past.

The really national aspect of the printing ink project is the second purpose of co-ordinating and correlating the research functionings and findings of related industries. The printing ink makers point out that much research being done by their customers would better be done by themselves. But, they recognize that the best results would be approached by proper sharing of various problems and undertakings among all who would be benefited by proper achievement. This goes for all industry; for the interrelation of materials and processes is universal, and the interdependence in matters of supplies is paramount in progress.

Business knows something about consumers' research projects. It will quickly learn also what is comprised by governmental research if such functioning be more widely introduced in the national economic policy. In both respects, business will be better off in proportion to the extent to which it remembers and applies the inescapable and widely demonstrated truth that what business does not do adequately for itself, other agencies will do for it and, primarily, for themselves.

—O-P-D—

Foreboding of Public Good

Close association in a common cause has always been one of the most potent influences of human advancement. Its effects in large part have been most clearly manifested and beneficially exhibited in the improvement of the cause itself. This, in turn, has exerted an uplifting influence on the advocates of the cause—and a beneficent ascending spiral has been the result.

Knowledge of the purpose and the personnel of the associates predicts quite confidently that similar good will be the outcome of the recent organization of a food, drug, and cosmetic law section in the New York State Bar Association. The cause in which this group has gathered is one of high public service. It is also one to which a goodly measure of legal, as well as lay, study and understanding could be beneficially applied.

The food and drug laws—cosmetics are a new member of the group—are unique in their pioneering of governmental standards for articles of commerce, a purpose and philosophy that are being increasingly advocated for expansion in many directions. It will be good for all elements of the economic body, not only for the consumer group, that concepts of governmental standardization be reduced to factual construction.

It is to be expected that the new organization of food, drug, and cosmetic legal counselors will demonstrate the commendable, objective view of statutory trade standards which has long characterized its members individually. It may be expected, then, that service of the public in foods, drugs, and cosmetics will be improved.

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OPD—8-6-1945 37

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Ascorbic acid is valuable in frozen fruits and in canned fruits where it prevents discoloring and aids in the preservation of natural flavor. Other food industry uses for ascorbic acid are as anti-oxidants in fats and oils and in such flavorings as oil of orange. Its use in bread-making includes flavor improvement. An interesting possibility is as a photographic developer.

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Heavy Chemicals

One of the favorable developments uncovered in the heavy chemical market last week was the announcement by WPB that allocation control over sulphuric acid will be lifted in most States on September 1. It is now apparent that production has finally leveled off demand. In other directions, no unusual devolopments materialized. The trade was inclined to discuss postwar conditions and the prospect of military cutbacks. So far it seemed as though any relaxation from the European war has been offset by a stepped up demand for chemicals to be used in the South Pacific. The industry does not appear to be confronted with any serious reconversion problem from wartime to civilian production. There are possibilities of some interruption of deliveries into civilian channels while consuming industries are converting or where the shortage of required chemicals may retard operations. At present it looks like cutbacks for the army are neutralized by increased requirements for the navy.

Heavy importations of sal ammoniac have been brought in to aid in the production of dry batteries for military use. Most all of the domestic production is also being taken for that purpose. Soda ash remained exceedingly tight in paper bags but moved fairly prompt in bulk. Sweden has been endeavoring to buy soda ash. This country has been using sulphate of soda and other substitutes to make glass and its plant equipment has suffered from these substitutions. All forms of dry caustic soda were definitely short. Sellers named October-November for carlot shipments of oxalic acid. Soda metasilicate was in short supply. Chlorine has been allocated for the third-quarter and will probably remain under allocation for that period.

Paper production as a percentage of six-day capacity was 93.4 in the week ended July 28, according to the American Paper and Pulp Association. This compares with 89.8 in the previous week and 91.3 percent a year ago.

Ammonia Liquor—June production, as a coke by-product, was 4,561,959 pounds, according to the Bureau of Mines. In May the output was 4,853,-551 pounds and in June last year 4,-866,000 pounds. Stocks at the end of June amounted to 1,344,120 pounds, compared with 1,318,951 pounds at the end of May and 1,409,037 pounds at the close of June, 1944.

Ammoniac Sal—Shortage of supplies for civilian use remained in evidence last week. Sizable quantities have been imported to aid in the heavy production of dry batteries and most all of the domestic output is being taken for that purpose also. Extensive purchases of dry batteries have been made for military requirements.

Calcium Carbide—Production has been able to satisfy demand as far as a material is concerned without much difficulty. The disturbing influence has been in securing an adequate supply of containers. Exports for the period covering January through April were 2,468 tons compared with 3,021 tons for the same time in 1944.

Carbon Dioxide—According to trade reports, manpower shortage has kept output somewhat below the level of 1944. Most of the current production was said to be in the form of dry ice. Inventories have remained relatively low.

Copper Scrap—An amendment (4) has been added to RMPR 20. This amendement states in part that 1.25c. per pound may be added to the maximum base price for any grade of copper alloy as a special use premium, provided the scrap has been prepared to meet the consumer's specifications and is suitable for his direct use without further preparation. The amendment became effective August 6.

Fluorspar—Manufacturers of hydrofluoric acid consumed 129,553 tons of fluorspar last year, an increase of 14 percent over 1943, according to the Bureau of Mines.

Nickel—Department of the Interior states that a preliminary report on the geology and nickel mineralization of the Julian-Cuyamaca area, near Julian, San Diego County, Calif., has been placed in open file for use by persons directly interested in the development of the nickel deposits, until such time as the report may be published. This report describes the geology and mineralization of the area and contains geologic maps and cross sections of the mine and surface. Copies of the report and maps may be inspected at the office of the California chief geologist, California Division of Mines, Ferry Bldg., San Francisco, and the Survey offices at 506 Federal Bldg., Salt Lake City, and in Washington, D. C.

Potash Carbonate—Continued in a well balanced position with domestic consuming requirements well covered. There was not enough material to fully supply export and lend-lease wants, but allocations have averaged around 40 percent of these requests.

Potash Caustic—Reported tight with some prospects of improvement in sight. Lend-lease was the main factor in keeping the supply short. Production was reported to be only 500 to 600 tons shy of meeting the monthly demand.

London, Aug. 1. (Comtelburo) — Increasing spot business is reported in chemicals as a result of the gradual relaxation of controls, but the bulk of trading activity remains centered in delivery to domestic priority users on contract. In general, the paint, textile, and rubber industries are reasonably well placed for their chemical raw materials.

Solvents are in slightly easier supply position but controls are not expected to be materially relaxed this Fall.

Liquid caustic potash, 50 percent, is now available to licensed users at £29 10s per ton in returnable drums, minimum ten drums, ex-warehouse; single drums are priced £32 10s per ton. The prices for quantities under one drum, about 12 hundredweight net, are not controlled.

Soda Ash—Shipments of bulk ash have continued steady and maintained a fairly prompt average. Ash in paper bags has moved as fast as available labor will permit. Military cutbacks that took place earlier in the year have not appreciably eased the supply situation because there were too many industrial gaps to fill. Export shipments have been considerably under normal on account of the shortage of stocks.

Soda, Caustic—Remained under a heavy demand with consumers pressing for shipments. Labor shortages have made it difficult to level off contract allotments of the dry varieties and deliveries have remained behind schedule. Liquid caustic is in better shape than dry, although there is room for improvement. Exports are held down through the lack of available material.

Soda, Chlorate—Demand for agricultural use has been unusually heavy this season and is about at its peak at present. Mounting consuming pressure has been experienced by producers to move material which is somewhat behind schedule on account of manpower shortage.

Soda, Cyanide—Sufficient material has been channeled for military and essential uses to keep the supply position definitely tight. No assurance of easement until military demand is cutback. Labor shortage has been reflected in a smaller output of soda ferrocyanide and only a limited amount of requests could be granted.

Soda, Hydrosulphite—Output registered 3,054,000 pounds in May according to the Chemicals Bureau. April production was 3,174,000 pounds. Stocks at the end of May were 732,-000 pounds, compared with 904,000

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

Acids

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
168.9	168.9	169.0	169.0

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

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pounds at the close of the preceding month.

Soda, Metasilicate—Strong demand for military use combined with mounting civilian requests from laundries, metal cleaners and restaurants has been more than enough to tax current production. The supply position has remained definitely tight.

Tin—Effects of tin contract cancellations have been minor to date, WPB reported. It was indicated that tinplate will be required in greater amounts than in 1944, bronze requirements for the navy remain high and any cutbacks in new construction, when effected, will be offset by the rapidly mounting replacement and maintenance requirements. If consumers were allowed to use tin without restriction, total consumption might easily reach 120,000 tons annually, which would wipe out the stockpile in a short time.

Acids

Adipic—Major portion of production has gone into the manufacture of nylon. Some improvement in production of adipic acid has allowed limited quantities to reach the paint, plastic and synthetic resin industries.

Hydrofluosilicic—Inquiries from the breweries and platers have been supplied promptly. The supply situation was reported sufficiently favorable to meet the current extent of consuming demand.

Nitric—Demand for military and civilian uses has been able to absorb the major part of production, which is averaging around 40,000 tons a month. No excessive inventories are being carried.

Oxalic—Buying interest, reported to be mostly civilian, has continued active in this market while the supply position has remained tight. There was no easement of consuming pressure for shipments, which are somewhat behind schedule as a result of manpower shortage. Carlots for shipment were available for October-November delivery, sellers preferring to name the option.

Sulphuric—Continued improvement in the supply situation has led WPB to announce the lifting of allocation control in all but eleven Western States on September 1. Military cutbacks and increased production are responsible for the improvement. Sulphuric acid will be transferred to order M-340, the miscellaneous chemicals order.

P.A.'s on Business

—Continued from page 7

On the West coast, the labor problem is still acute. Shipyards have laid off thousands and there is still a shortage. As one buyer reports, "It just doesn't make sense." The Puget Sound area is still very short due to the increased activity of the Pacific war.

The situation in Canada appears about parallel with that in the United States. Men released from the armed forces appear to be in no hurry for employment. Many are taking advantage of the government's liberal education opportunities and cash grants. Absenteeism is bad. Construction, buildings, and bush work have difficulty in securing help. There is no relief in sight.

Buying Policy

Because the future appears so indefinite, industrial buyers have one general policy. Caution is the watchword. Keep ahead of production, but be alert to sudden changes. More and more buyers are striving to limit buying policy to not over a ninety-day period. Regulations, restrictions, and special situations, of course, have their influence in determining just how far one may go in arriving at this policy.

Speculative buying is out. All buyers generally are avoiding it. Excess stocks are not advisable. Orders placed to secure a position in the vendor's schedules should, where possible, be protected against possible cancellation and specification changes before actual production.

General

Reports from the United States and Canada indicate that general business is still good—in some cases, excellent.

The changed attitude of OPA toward prompt reconversion pricing should release the brakes. Price restrictions which are uneconomic hamper progress.

The shock of reconversion is felt very little, but opinion indicates it will be much greater than generally expected. Attempts to raise prices, even on manufactured goods, are premature. Emphasis should be on greater management and worker efficiency, together with lower marketing prices.

Industrial buyers are disturbed over reports of sheet steel hoarding through failure to cancel out on termination. This could be a "bad blot." If we want materials for reconversion, the requirements for war production must be released as rapidly as conditions permit; that applies to the release of all items right through to shipping containers.

West coast buyers report most industries could produce more, except for the manpower shortage. Retail stores could sell more, but they lack merchandise. The housing shortage is acute.

Effort is being made by western industrialists to secure "economic independence" for the West. Watch plans for postwar operation of steelmills. The wartime population gain is a further incentive to the establishment of manufacturing industries on the West coast.

Canadian buyers view the present general situation as one of "watchful waiting." Civilian goods grow scarcer due to the help shortage and inability to procure materials. There are also many major maladjustments to correct; namely, between prices and labor, which are out of line. These must be handled before a smooth post-war business can be hoped for.

Buyers generally are expecting many readjustments, but look for no serious recession in business for some time.

Carbide & Carbon Offers New Engine Lubricant

A new internal combustion engine lubricant has been announced by Carbide & Carbon Chemicals Corporation, a unit of Union Carbide and Carbon Corporation. This lubricant, which is now being produced in commercial quantities, has properties quite different in many respects from oils derived from petroleum. The lubricant can be manufactured to any desired viscosity and is wax-free.

United Chromium, Inc., New York, has elected Richard O. Loengard president.

U.S. Revenue Returns Reported for June

Bureau of Internal Revenue, Washington, reports taxes collected for June, 1945, compared with June, 1944, were as follows:—

	June 1945	June 1944
Coconut, etc., oils, processed	$493,401.60	$485,350.78
Distilled spirits, domestic, excise tax	11,221,510.00	7,530,993.00
Distilled spirits, imported, excise tax	2,180,648.00	3,471,562.00
Gasoline	35,026,904.00	21,028,516.51
Lubricating oils	13,536,750.96	3,808,507.20
Narcotics, including special taxes	219,222.15	226,740.15
Oleomargarin special taxes	.....	.....
Totals	$4,641,148,107.70	$5,109,558,427.70

Anaconda Adds Properties

Anaconda Copper Mining Company, New York, has purchased the Warwin group of mines in the Coso District, Inyo County, Calif.

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★ Resinous in Nature
★ Flame Resistant
★ Moisture Resistant
★ Compatible with Resins and Plastics

Just a few of the possible Post-War applications for Chlorowax

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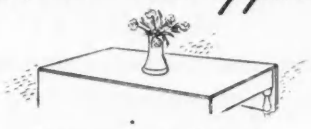
For all industrial purposes, interior and exterior; maintenance paints for residences and office buildings.

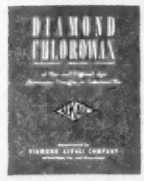


Lacquer Formulations
Chlorowax improves adhesion to metal, glass and wood. Increases chemical resistance of protective coatings.

Surface Treatments and Polishes
Chlorowax content in surface coatings improves water and flame resistance; aids in preserving polished finishes.

Textile Coatings
Flame and moisture resistant for awnings, canvas, drapes, gloves, machine covers, tents, tarpaulins, etc.

Glues and Adhesives
Invaluable in formulation of waterproof and flame resistant glues and adhesives.



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Research for Defense

—*Continued from page 3*

phasized by the several major bills introduced in recent weeks—all with the same objective in view but widely divergent in their approaches to it.

The research board of S. 825 would be composed of forty members, half of them being officers or officials of the army, the navy, and the National Advisory Committee for Aeronautics, and the other half being civilian scientists, engineers, or industrialists nominated by the National Academy of Science and appointed by the President. The duties of the board would be to formulate programs of scientific research and development relative to the problems of national security, direct and conduct the scientific study of such problems, and advise the Secretary of War and the Secretary of the Navy on the application of science to national security. Science is interpreted in the bill to include the employment of scientific methods of analysis, experiment, and test, in any branch of science or technology, including engineering, medicine, dentistry, psychology, and biology.

The board would not operate laboratories under its own auspices but would make use of available facilities and services of the army, the navy, and other government agencies. Neither would establishment of the board relieve the army, the navy, or other governmental agencies of their responsibilty for, or authority over, research and development work under their cognizance. Nothing in the bill would be construed as superseding, curtailing, or limiting any of the functions or activities of existing governmental agencies engaged in scientific research or development or as authorizing the board to exercise any supervisory direction or power of regulation over their functions or activities.

Critical Materials

—*Continued from page 7*

tion hsould be given. The lists follow:—

Critical Materials and Products

Antimony, benzyl benzoate, bismuth, burlap, cadmium, cotton linters, diatomaceous earth, emetin, film, ex-ray; glass, fibrous, type "A" fiber; glass, fibrous, type XAA-PF insulation; hydrogen peroxide, kapok.

Laboratory equipment, lead, leather, neoprene, nicotine sulphate, nylon, oil, crude; oil, lubricating, aviation gasoline; paper, waterproof (asphalt laminated); petroleum fuels, residuals, distillates and kerosene; petroleum sulphonates (refined, oil soluble); platinum, phthalic anhydride, rosin, rubber, natural and latex.

Sodium bichromate, talc, fibrous; tin, wax, microcrystalline.

Surveillance List

Antimony oxide, benzene, bristles, hog, 3½ inches and large ronly); butyl rubber, cresols and cresylic acid, chrome metal, columbium, ferro chrome, low cargon; gas, natural; gasoline, aviation; graphite, Ceylon; mica, grade 4 and larger.

Naphthalene, naphthenic acid, nickel, polyisobutylene, quinacrine (atabrine), quinidine, wax, paraffin; zinc and zinc oxide.

Kenya Pyrethrum Delegation Entertains Trade

Commander F. J. Couldrey, chairman of the Kenya Pyrethrum Board and the Kenya pyrethrum delegation, on July 30 in New York were hosts at a dinner tendered representatives of companies concerned with the pyrethrum trade in this country. About forty persons were present.

Commander Couldrey expressed his appreciation for the cooperation and suggestions given the delegation on its visit to this country, which drew a response from S. B. Penick, jr., president of S. B. Penick & Co., New York, who, speaking for the guests, thanked the delegation for its hospitality.

W. W. Rhodes, of Kinetic Chemicals, Inc., a division of duPont, also spoke on his experience with pyrethrum, an experience of considerable magnitude because his company supplies the "Freon" gas used in aresol bombs designed for pest control work.

Iridium Allocation Lifted

All controls on the distribution and enduses of iridium metal (in the platinum group) have been removed through the revocation of order M-49, the War Production Board announced July 30.

Named Coordinator

Colonel Charles H. Berle has been appointed coordinator of sales and manufacturing for Innis, Speiden & Co., New York. Associated with the Innis, Speiden organization since 1926, Colonel Berle was called to active duty by the Army in 1941 and returned to inactive reserve status in June, 1945.

Reconversion Report

—*Continued from page 3*

visory operating basis with direct control over the other war agencies.

2. The various civilian agencies dealing with foreign governments and peoples should be integrated under the Secretary of State.

3. War production and military manpower needs should be reviewed with utmost care and from the point of view of the earliest possible relief of bottlenecks in the reconversion of industry to peacetime purposes.

4. In order to direct workers to the places where jobs will be available and to provide the types of workers needed where industry is short of labor, accurate information must be gathered and made available to workers and employers.

5. Surpluses must be declared and moved more expeditiously and with a more definite coordinated policy concerning the objectives to be attained in their disposition.

6. Attention must be given to the conservation of the country's resources, to the accumulation of stockpiles of strategic materials, and to technological research.

Devoe & Raynolds Names Three to Directorate

Devoe & Raynolds Company, paint manufacturer, New York, has added to its directorate C. W. Slocum, Roy A. Plumb and Eric W. Peniston. Mr. Slocum is president of Beckwith-Chandler Company, recently acquired by Devoe & Raynolds. Mr. Plumb is president of Truscon Laboratories, which became affiliated with Devoe & Raynolds in May, 1945. Mr. Peniston, an insurance broker on leave from R. C. Rathbone & Son, is currently serving the Navy.

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LIQUID Sulfur Dioxide by ANSUL*
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OPD—8-6-1945

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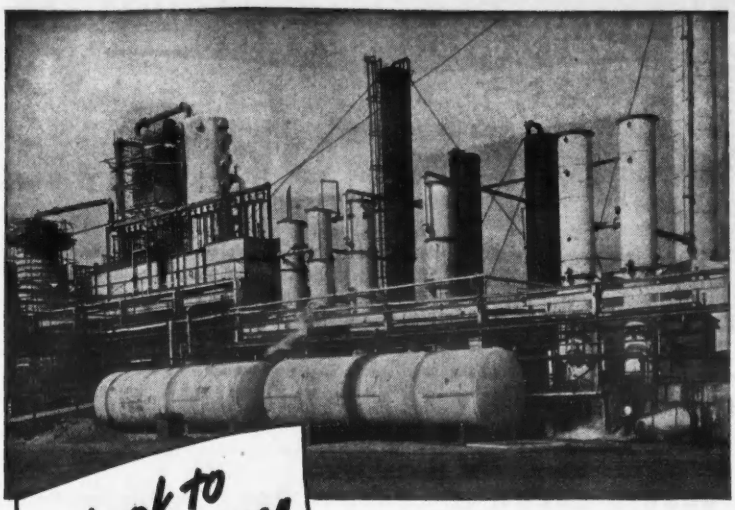

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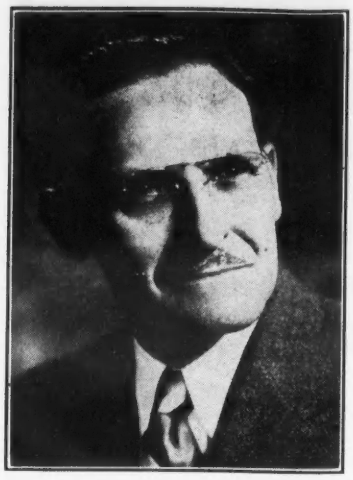
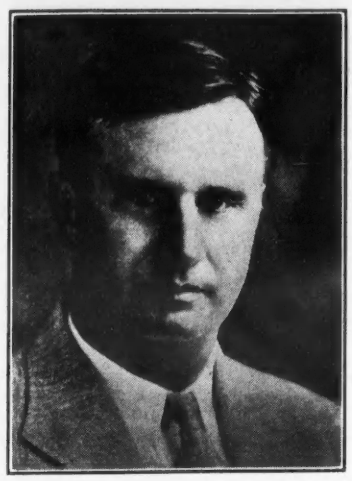
Prewitt Succeeds Deeds in S.-W. Post





George Prewitt has been named superintendent of the Chicago white lead plant of the Sherwin-Williams Company, Cleveland. He succeeds C. E. Deeds who has been appointed general superintendent of the pigment products department with direct supervision of the Chicago White Lead and Coffeyville plants. He will be located at Coffeyville. R. A. Thomas, formerly superintendent of the Coffeyville plant, has been named technical director there.

Chemical Surplus Sales

—Continued from page 7

(group 19-12), $2,264,261 acquired, $569,935 sold for $348,479, leaving $2,077,264.

Coal and petroleum crudes (group 19-21), $13,561 acquired, $5,714 sold for $3,703, leaving $7,847.

Intermediates cyclic (group 19-22), $29,762 acquired, $8,647 sold for $5,577, leaving $21.115.

Dyes (group 19-23), $312,177 acquired, $89,009 sold for $67,426, leaving $223,167.

Color lakes and toners (group 19-24), $2,153 acquired, $1,680 sold for $1,200, leaving $473.

Rubber chemicals (gruop 19-23), $970 acquired, $374 sold for $374, leaving $596.

Perfume and flavor materials (group 19-26), $1,134 acquired, none sold.

Gum and wood chemicals except acetic acid and wood alcohol (group 19-27), $71,570 acquired, $47,316 sold for $4,223, leaving $24,254.

Natural dyeing and tanning materials (group 19-28), $1,427 acquired, $1,427 sold for $1,080.

Miscellaneous organic chemicals (group 19-29), $575,019 acquired, $466,078 sold for $397,660, leaving $108,935.

Elemental gases, except oxygen chlorine (group 19-31), $1,349 acquired, none sold.

Hydrocarbon gases, except petroleum and natural gases (group 19-32), $53 acquired, $46 sold for $46, leaving $7.

Refrigerants, except ammonia (group 19-33), $20 acquired, none sold.

Chemical warfare agents, except phosgene (group 19-34), $11,646 acquired, $11,523 sold for $14,127, leaving $123.

Paints, varnishes, lacquers, etc. (group 19-4), $4,735 acquired, $185 sold for $148, leaving $4,550.

Paints, varnishes, lacquers, japans, etc., (group 19-41), $2,210,786 acquired, $254,703 sold for $150,196,leaving $1,995,711.

Color pigments, except organic lakes and toners (group 19-42), $34,127 acquired, $28,628 sold for $11,304, leaving $5,499.

Paint dryers, (group 19-43, $2,878 acquired, $31 sold for $27, leaving $2,846.

Wood fillers (group 19-44), $8,256 acquired, $828 sold for $630, leaving $7,428.

Whiting (group 19-45), $19,894 acquired, $2,309 sold for $1,115, leaving $17,585.

Nitrogenous fertilizers (group 19-51), $387 acquired, $387 sold for $255.

Phosphatic fertilizers (group 19-52), $98 acquired, $48 sold for $39, leaving $50.

Potassic fertilizers (group 19-53), $268 acquired, $268 sold for $236.

Fertilizers containing nitrogen and phosphorus (group 19-54), $23,226 acquired, $23,220 sold for 23,382, leaving $5.

Fertilizers containing nitrogen, phosphorus and potassium (group 19-57), $2,402 acquired, none sold.

Minor element fertilizers (group 19-58), $157 acquired, $157 sold for $137.

Fertilizers and fertilizer materials, N.E.C. (group 19-59), $130 acquired, $130 sold for $37.

Inorganic insecticides (group 19-61), $2,347 acquired, $396 sold for $348, leaving $1,950.

Organic insecticides (group 19-62), $6,461 acquired, $?,099 sold for $3,178, leaving $2,362.

Funfiicides (group 19-63), $3,859 acquired, $172 sold for $118, leaving $3,687.

Agricultural chemicals (group 19-64), $96 acquired, none sold.

Explosives and components (group 19-7, $300 acquired, $300 sold for $65;

Black blasting powder (group 19-72), $396 acquired, $396 sold for $515.

High explosives (group 19-74), $23,776 acquired, $23,222 sold for $18,068, leaving $554.

Blasting supplies, except black powder (group 19-76), $3,415 acquired, $847 sold for $209, leaving $2,569.

Plastic materials, synthetic fibers, elastomers (group 19-8), $55,656 acquired, none sold.

Condensation plastics (group 19-81), $83,810 acquired, $29,351 sold for $22,221, leaving $54,458.

Polymerization plastics, except fibers (group 19-82), $17,850 acquired, $2,316 sold for $1,520, leaving $15,534.

Protein plastics except fibers (group 19-83), $191 acquired, $42 sold for $42, leaving $149.

Cellulose plastics, except filaments (group 19-84), $200,701 acquired, $157,628 sold for $117,828, leaving $43,072.

Synthetic elastomers (group 19-87), $26,384 acquired, $6,116 sold for $4,199, leaving $20,257.

Plastics materials, synthetic fibers, etc. (group 19-89), $5,781 acquired $120 sold for $192, leaving $5,661.

Miscellaneous chemicals, including industrial chemical products and preparations (group 19-9), $1,327,249 acquired, $295,087 sold for $13,972, leaving $1,031,832.

American Gas Association To Meet Oct. 14

American Gas Association will hold its twenty-seventh annual meeting in the Engineering Societies building, 29 West Thirty-ninth street, New York, October 14.

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Agricultural Chemicals

Movement of fertilizer materials was mostly routine last week. Shipments against contracts went forward in seasonal volume while the additional demand was confined to specialties. There was no improvement in the supply position of the organic products. Buying interest from the feed trade was in the markets for bone meal, dried blood, fish meal and tankage. All these products were in short supply and offered considerable shopping to even locate single carlots. There did not seem to be any raw bone meal available. Production of castor pomace was reported below normal with shipments confined to holders of existing contracts.

In the inorganic chemical list, sulphate of ammonia remained tight, the shortage being pronounced in the Southeast. Some export inquiries were in the market for this chemical. Superphosphate production continued to build up a stockpile, although it was reported that plants have not been able to reach capacity on account of the manpower shortage. Less complaint, however, was echoed over the scarcity of labor. Mixers have been drawing shipments against their potash allocations, but the edge was off the demand for nitrate of soda for agricultural use.

No improvement in the supply situation for edible oilseed meals for fertilizer appears likely. The protein feed stocks are definitely short and requirements of the feed trade will be the dominating factor in the situation.

War Food Order 41 has been amended to give the Farm Rationing Committee authorization to use its discretion in the allotment of fertilizer for the production of sugar cane, tobacco and food crops in Porto Rico.

Nitrogenates

Ammonia Sulphate—Production has been maintained around 27,000,000 pounds a week from coke-oven operations which is below the average at this time a year ago. The supply situation is tight with a good domestic demand and some inquiry for export. Reports from Florida report the supply shortage as acute in some areas.

Bone Meal—Continued shortage of stocks has made it difficult to buy this material. Offerings of raw bone meal were practically nil. There was some fertilizer inquiry for the steamed grades while an active demand was reported for feeding use.

Castor Pomace—Production reported below normal and channeled against old contracts. Lack of additional offerings prevented trading although demand remained active.

Fish Scrap—Reports from Baltimore indicated a light catch of menhaden and prospects at present are not so favorable. Fishing companies have been filling old contracts but are not eager to take on additional business until old orders are covered. Demand remained active.

Hoof Meal—Limited production made it difficult to buy this material. Inquiries were in the market and uncovered at the close.

Soda Nitrate—Market position firm with supply meeting current demand without difficulty. Advices from Chile state that sales of 600,000 tons of nitrate will be covered in agreements to be signed by the Chilean government. The purchasers are various European and Western hemisphere countries. Some nitrate plants not at present in production may resume operations and outpupt in other plants now producing will be increased.

Tankage—Supply situation continued tight owing to restricted output. Recent arrivals from South America have not relieved the situation as this material was reported sold against contracts. In some quarters it was stated that about 50,000 tons of foreign material wil lbe required to meet the season's wants.

Phosphates

Phosphate Rock — Firm under a heavy demand for home and export. Shipments have gone forward in good volume both by rail and boat. The immediate outlook is considered good although the Bureau of Mines anticipates intense competition later on in Europe from high-grade Russian rock and rejuvenation of the North African industry.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Superphosphate — Exports during January through April amounted to 22,114 tons of normal and 27,879 tons of concentrated, according to the Department of Commerce. April was the first month this year that normal exports topped those of concentrated. Current domestic demand is of good seasonal average for shipments. Not all producers are running to capacity on account of the labor shortage but at present less complaint has been heard about labor difficulties.

Potashes

Market position was reported firm, with production moving steadily against mixers' allocations. Interest has been noted in European supply sources although it is conceded that the Continent will need about all the potash that can be produced. French mines were operated until October, last year, when the Germans forced workers to build fortifications. At this time it is stated that facilities could operate at 40 percent of capacity if they could obtain the coal. The Kaiseroda mine, one of Germany's largest producers, is probably in good shape, as this is where the hoarded gold and art treasures were stored.

Markets at Other Centers

Baltimore, Aug. 3.—Heavy rains have interferred with menhaden fishing during the week and the fleet from Florida to Long Island has been forced to curtail operations. It is believed the loss will greatly shorten the production of scrap, as the catch so fa rthis season has been under expectations. Inadequate labor has continued to hold down superphosphate production.

Chicago, Aug. 3.—Trade in representative grades of nitrogenous fertilizer materials has been rather a routine affair. Offering of most grades of byproducts are low and buyers in some cases are said to be unable to obtain sufficient material to fill their needs. Blood was in good call. Tankage business was fairly good. Bone materials were quiet but firm. Prices were unchanged.

Los Angeles, Aug. 3.—There was no letup in the continued demand for all agricultural chemicals here this week. Extremely short supplies limited all trading. Fish meal trading was at a standstill. Ruling prices were:—Ammonia Nitrate—$55 per ton with freight allowances up to $4.40 per ton from production plant. Ammonia Phosphate—$48 per ton for 16/20 grade and $57 for 11/48 delivered from production plant.

London, Aug. 1 (Comtelburo).—Government's alowance of 15s per ton on ammonium sulphate purchased for immediate delivery has been withdrawn because of the large response. Potassic and phosphatic fertilizers remain short and allocations during coming season expected to be unchanged.

Insecticides

Cryolite—Supply conditions seem favorable to meet the season's demand. Output of the artificial type was reported slightly below that of last year but not enough to affect the situation. Stocks at the end of April were below those of year ago.

Methyl Bromide—Cutback in demand for military purposes has been reflected in smaller production, but stocks for agricultural use were reported adequate. Regardless of decreased output, supplies on April 30 were estimated at nearly 50 percent above those of a year ago.

Nicotine Sulphate—Market conditions continue definitely tight, owing to the scarcity of tobacco, and there appears to be little chance for improvement in supplies for some time. Producing plants can handle much more tobacco than is now available. The shortage is evident in foreign countries as well as here and bins are being scraped for waste material.

Production covering January through April was below that for the same period in 1944, but stocks at the end of April were 7 percent higher than the corresponding date last year. Exports from January through April amounted to 193,000 pounds against 185,000 pounds for the same time in 1944, according to the Department of Commerce.

Paris Green—Supply situation was described as rather tight, although it is expected production will equal that of last year. Foreign inquiries have reached the market on a rather extensive scale for treating swamp and stagnant water in an effort to kill malaria germs. Production over the first quarter was placed 1,258,000 pounds by the Chemical Unit of the Department of Commerce. This is 30 percent above that for a like period in 1944. Exports from January through April were 178,000 pounds, compared with 84,000 pounds for the same time a year ago.

Sulphur and Pyrites

While stocks were reported below those of a year ago, production has held around its recent high level and the available supply is fully capable of meeting the current extent of demand easily. According to reports, the Sicilian mines were pretty well knocked out during the war and many were flooded. In 1944 only about 30 out of 150 were in operation. The output in Spain has been restricted through a shortage of furnace capacity. A large part of Spanish sulphur comes from pyrites. Shipping facilities have not been sufficient to bring a great deal of Spanish pyrites to the United States. The market supply here is uncertain and this condition has kept trading irregular.

Roland Boehm Joins Nitrogen Products, Inc.

Roland F. Boehm has joined Nitrogen Products, Inc., New York. Mr. Boehm, recently released from the army, had been associated for a number of years with the Barrett Division of Allied Chemical & Dye Corporation, New York, previous to joining the War Production Board, where he was assistant chief of the nitrogen unit of the Chemicals Bureau. He will serve Nitrogen Products, Inc., in an executive capacity.

OPA Orders Summers Co. To Make Bone Meal Refund

The Summers Fertilizer Company, Baltimore, has been ordered by the Maryland OPA to pay back $5,215 for overcharges on bone meal and overcharges on bone meal freight.

Superphosphate Output To Be Raised by Stauffer

The Stauffer Chemical Company, New York, has entered into long-term contracts for an additional source of phosphate rock. The company expects to double its output of superphosphate early in 1946. The additional source of phosphate rock is located in Idaho in the heart of the Montana-Idaho phosphate deposit.

The Stauffer company's plant facilities at Richmond and Los Angeles, Calif., will be doubled to take care of processing the additional raw material. Steps to increase the capacity of the two plants will be started immediately, and storage yards will be provided to insure a steady supply of rock at each plant. The company controls its own source of sulphuric acid used in superphosphate production.

Aitken Enters Business On His Own Account

Donald W. Aitken, assistant to the chief of the Agricultural Adjustment Agency, who has been in charge of the contracts and shipments of fertilizers purchased and distributed by the agency for several years, has severed his connection there to become engaged in handling fertilizer materials on his own account.

Sulphur

Commercial Flour
Semi-refined Roll "Cone" Sulphur
Lightnin Brand Dusting Sulphur
Magnolia Brand Conditioned Dusting Sulphur
Blossom Brand Wettable Sulphur
Mohair Brand Wettable Sulphur
Rubbermakers Sulphur (ground to specifications)
Texas Yellow—Refined Flowers of Sulphur
Sulphur Insecticide Mixtures
Sulphur Calcium Arsenate Mixtures
Sulphur Cryolite Mixtures
Sulphur—Pyrethrum & Rotenon Mixtures

Write or wire for quotations

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HEADQUARTERS FOR AMERICAN-MADE NITROGEN
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THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK 6, N. Y.

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IMPORTERS BROKERS EXPORTERS
THE DICKERSON COMPANY
DREXEL BUILDING
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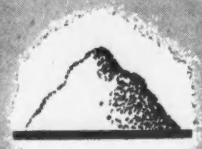
TEXAS GULF SULPHUR Co. Inc.
75 E. 45th Street New York 17, N.Y.
Mine: Newgulf, Texas

For Current prices see alphabetical listing beginning on page 9.

NAPHTHALENE

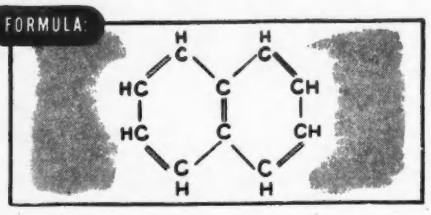


DEFINITION: A crystalline chemical compound of carbon and hydrogen found abundantly in coal-tar. It was early termed "tar camphor."

HISTORY: Naphthalene was discovered in coal-tar by Garden and Brande in 1819 and its chemical constitution determined by Michael Faraday in 1826. It was proposed for enriching water gas in 1862. Use for manufacture of naphthols for the synthetic dye industry commenced about 1873.

$C_{10}H_8$

FORMULA:



SOURCES: Traces of naphthalene occur in certain vegetable products. Some naphthalene has been recovered from specially processed petroleum fractions, but the principal source of naphthalene has always been coal-tar.

CHARACTERISTICS: Pure naphthalene is produced as white crystal flakes or chips which melt at 79.4° C or above. It boils at 218° C. It vaporizes slowly at room temperature. It has a clean penetrating odor; is soluble in benzene, hot alcohol and ether, but is practically insoluble in water. It burns with a smoky flame.

USES: Serves as a moth preventive and insecticide for household, institutional and agricultural use; as a raw material for phthalic anhydride, dyes, waxes, tanning agents, pharmaceuticals and plasticizers.

GRADES: Industrial: 74° and 78° crude in tank cars and barrels: 79.4° refined in tank cars and as chipped, crushed or flake in barrels and multi-walled bags. Household: flake and ball in 16-, 12-, 10-, 8-ounce packages; flake and ball, powdered or rice form, in barrels, bags and 50-pound bulk cases.

NOTE: Deliveries today are restricted by the primary requirements of naphthalene for war uses.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

Barrett

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.

The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.

Coaltar Chemicals

While the supply situation in basic coaltar chemicals showed no material change on the surface of the markets, there appeared to be a slight loosening of stocks for industrial uses. Military demand seemed to have lost some of its punch, although the call for civilian requirements was broader. Trade reports indicated that in some instances the government's quota for certain products had been leveled off. This condition was more apparent in xylol than in either benzol or toluol. The opinion prevailed in trade quarters that the production of xylol from petroleum and coaltar bases was sufficient to have the allocation control lifted before long, and expectation was that the product would be shifted to order M-340. This order assures the meeting of military requirements, but provides no priority assistance for the remaining needs of industry. Crude naphthalene moved steadily into the manufacture of phthalic anhydride. This intermediate was reported in somewhat better supply. Phenol also leaned toward betterment A heavy demand continued to feature anilin oil and the market remained definitely tight. Most of the other intermediates continued in low production through an insufficient supply of crude materials and in some instances it was necessary to draw on consumers' and producers' stocks to neutralize in part the present shortage.

Production of creosote oil, coaltar and naphthalene as a coke by-product has shown an appreciable falling off over the first half of the year compared with the same period in 1944, according to figures published by the Bureau of Mines.

Steel operations for the week beginning July 30 were scheduled at 90.8 percent of ingot capacity, compared with 90.7 percent for the preceding week, according to the American Iron and Steel Institute. A month ago the indicated rate was 88.1 percent. The present schedule is equivalent to the production of 1,663,100 net tons of ingots and castings compared with 1,661,300 tons for the previous week and 1,735,800 tons for the corresponding week in 1944.

Production and supply figures in some of the following market reports were released by the Bureau of Mines unless otherwise specified.

London reports a strong home and export demand for tar products, and larger allocations are expected this month.

Basic Products

Benzol—Retained its tight position under a heavy military and civilian demand. Allocations are being covered without unusual difficulty and relaxation in government pressure might change the future appreciably. Inquiries, said to involve considerable dimensions, have been received from Switzerland.

Coaltar—June production as a coke byproduct amounted to 58,544,484 gallons, compared with 62,209,928 gallons in May and 62,440,000 gallons in June last year. Stocks at the end of June were 34,603,218 gallons against 33,980,823 gallons at the close of May and 35,148,016 gallons at the end of June 1944.

Creosote Oil—Output as a coke byproduct in June registered 2,781,196 gallons, compared with 3,173,432 gallons in May and 3,641,000 gallons in June, 1944. Production from January through June amounted to 18,699,523 gallons against 21,585,000 for the same period in 1944. Stocks at the end of June were 843,777 gallons compared with 873,452 gallons at the close of the preceding month. Imports from January through April were 1,674,000 gallons.

Cresyl'c Acid—Supplies of both domestic and imported acid have been kept at a low level through steady distribution to essential industries affiliated with the war effort. The market maintained a tight position with former prices fully sustained. Imports for the first four months amounted to 767,000 gallons.

Naphthalene—Production, as a coke byproduct, in June was considerably below that of a year ago and the output for six months showed a material drop from 1944. June production was 7,559,767 pounds against 7,579,986 pounds in May and 8,253,000 pounds in June last year. Output from January through June was 45,353,748 pounds compared with 53,076,000 pounds for the corresponding period last year. Stocks at the end of June were 2,107,200 pounds, compared with 2,157,844 pounds at the close of the preceding month.

Phenol—Slight increase in stocks over former estimates is expected over the remaining months of the year through a revision in supply and distribution. The market's position did not appear quite as tight as noted earlier in the year. Exports for the first four months amounted to 8,371,619 pounds, according to the Department of Commerce.

Toluol—Supply position remained tight, although all essential requirements have been covered through allocations. Exports for the first four months were given at 20,079,000 pounds.

Xylol—Slightly easier regarding the supply position. According to trade reports, there seem to be possibilities of easing allocation controls in the near future. Production of coaltar and petroleum xylols appears to be nearly sufficient to meet requirements at present.

Chicago, Aug. 3.—Trade in coaltar bases has continued good. Demand for material needed in urgent war uses has kept the supply well absorbed in current market operations. Benzol was in active call. Ruling prices exclusive of tax were:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; 10-degree xylol, same basis, 30c.; industrial xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Market conditions did not change appreciably last week although there seemed to be possibilities of the situtation showing improvement in the near future. This opinion was due to trade reports indicating that the supply of products which formerly consumed most of these solvents was reaching the adequate stage.

Coaltar Acids

Cleve's—Limited production resulting from shortage of basic materials and labor has kept this market in a tight position and there is no assurance of an improved situation in the near future.

Fumaric—No chance of satisfying the mounting demand from makers of protective coatings. There is a critical shortage of supplies and no prospects of increasing the production.

Gamma—Market position has revealed no important variation. Inventories are low and satisfying essential requirements is about the best that can be reported at present.

Maleic—Critical shortage of supplies has restricted the movement of the anhydrous grade. There was no relaxation in the active extent of inquiry

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Coke By-Products

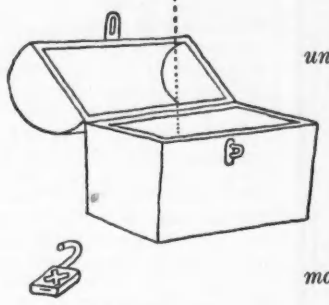
Estimates of by-product coke-oven operations in the week ended July 28 indicate the following output of by-products from that source:—

Ammonia liquid NH_3	lbs.	1,038,633
Ammonia sulphate	lbs.	26,895,131
Benzol	gals.	3,389,224
Coaltar	gals.	12,572,927
Creosote oil	gals.	699,711
Naphthalene	lbs.	1,661,813
Phenol	lbs.	196,794
Toluol	gals.	677,845
Xylol	gals.	153,062

For Current prices see alphabetical listing beginning on page 9.

2° refined **Pyridine**

* **Now** free from allocation



Pyridine, *heretofore available only through allocation under WPB Order M-300, and therefore unobtainable for many industrial uses, is now available in pure form, or blended with other tar bases as specified. Pyridine and its homblogs are used in the manufacture of vitamins, medicinals, and as waterproofing agents for textiles. They may be used as solvents and as sources of copolymerizing materials for synthetic rubber.*

* Effective August 1

KOPPERS

THE INDUSTRY THAT SERVES ALL INDUSTRY

KOPPERS COMPANY, INC., TAR AND CHEMICAL DIVISION, PITTSBURGH 19, PA.

for use in the manufacture of synthetic resins and protective coatings but only a fraction of reques'ts could be granted.

Sulphanilic — Position similar to other coaltar acids. Between the stringency in raw materials and manpower shortage, production has been kept considerably below a normal level.

Other Intermediates

Anilin—No indication of any immediate easement in the supply position of this market. It is expected that eventually more benzol will be granted but until this takes place, there is no assurance of improvement in anilin oil market conditions. Demand continued active for uses in the manufacture of dyes, pigments, intermediates and rubber chemicals.

Benzidin Base—Supply position reported tight under limited production resulting from restrictions on basic material and manpower stringency.

Dimethylanilin—Shortage of anilin reflected in the market for this intermediate. Essential requirements were given the preference on current production.

Dimetrophenol — Supply depended on the amount of phenol made available. There seemed to be some possibility of improvement later in the year.

Diphenylamine—Dyestuff manufacturers were granted 50 percent of their requests last month, which was the same as in June. Plastics and resins were cut 6 percent to 94, and phenothiazine, 5 percent to 76. Rubber chemicals registered 100 percent of requests for both June and July. The market situation was similar to other intermediates, inasmuch that production is insufficient to meet the current extent of consuming demand.

Phthalic Anhydride — Less of this material was allocated in July than in June. The July total was 13,848,347 pounds, compared with 14,173,696 pounds in June. Increased production has brought about a slight improvement in the supply position and there seemed to be a little less pressure from former important consuming sources.

Coaltar Colors

Shortage of intermediates held the production of dyestuffs at a relatively low level. Most of the current output has moved for government requirements and there is no assurance of increased stocks until there is a further cutback in military demand and a larger production of basic materials.

Washington Talks It Over

—Continued from page 5

that this change in the firm's business structure makes a change in ownership and the partnership is thereby denied the rights to adjustment which were previously held by the business in its corporate form.

If there was enough sugar to go around to permit the firm an adjustment of its quota when it was a corporation, why wasn't there still enough sugar when the corporation became a partnership?

Citric Acid Not Plentiful

Drug manufacturers should not be concerned over alcohol supplies for August because they have been allotted by WPB every bit that they requested for the month. With a sugar allotment of 110 percent of the base period for the third quarter, that, too, is expected to meet all the requirements of the manufacturers for this product.

The material that seems to be in the tightest position for the drug manufacturers now, WPB says, is citric acid. There is no expectation that the supply situation will loosen at all during the third quarter, but there is a hope that it might be easier in the fourth quarter.

The army is still taking "lemmo" powders.

Soybean Crushings Reported

Crushings of soybeans in the United States totaled 4,347,775 tons in 1944 according to the Bureau of the Census. Production of crude soybean oil totaled 1,245,873,372 pounds in 1944.

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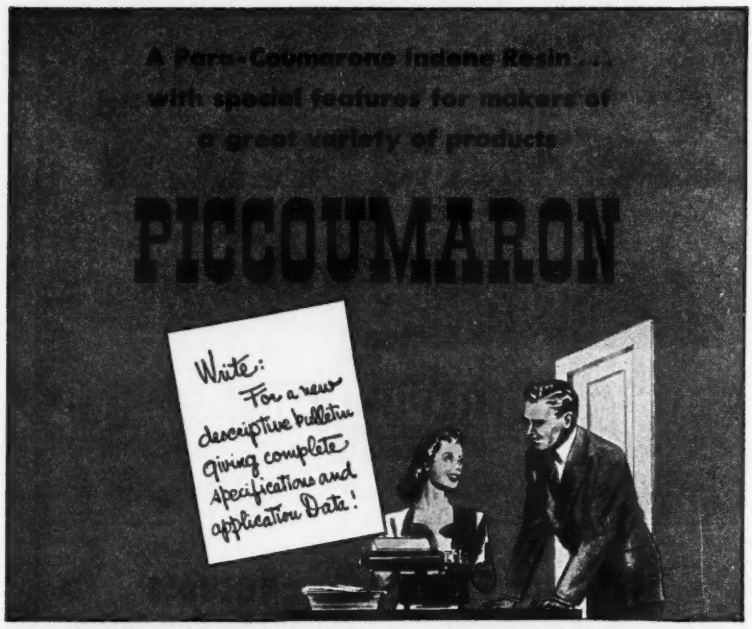
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CLAIRTON, PENNSYLVANIA

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Protective Coatings Materials

Overshadowing all other developments in the protective coatings materials industry within the past week has been the action of the War Production Board in amending the lead chemicals order M-384, so as to liberalize the allotments of both white lead and red lead pigments by increasing their initial allowance for civilian enduses, from a 16 percent to a 25 percent annual quota and from a 60 percent to an 80 percent annual rate for the third quarter of this year.

Long awaited, this liberalizing of the lead pigment allowances has furnished the first instance of an easing by the government regulatory bodies of the tight restrictions on civilian employment of important protective materials.

Aside from the liberalizing of the lead order M-384, so as to increase the allotments for civilian enduses in red lead pigment, the principal development of the past week in the protective coatings industry have been the elevation by the Office of Price Administration of the price ceilings on both sorted and unsorted grades of Congo copal gum and unofficial reports from Washington that the Office of Economic Stabilization had unexpectedly given assent to a mark-up of ceiling prices for gum rosin averaging 95 cents per 100 pounds, which is expected to be officially announced by OPA within the next day or two.

Meanwhile, the war orders for protective coatings and their constituent materials still on the books of the American producers, importers and processors continue to reach a record hightide mark, keeping them extremely busy and profitably employed on these scores.

Metallic Lead and Zinc

Although there has been no material waning of the war requirements for metallic lead, WPB has granted a limited increase in the quantity of lead made available for distribution under order M-384, in response to pressing requests from the protective coatings industry for a liberalization of the quota restrictions on lead pigment making. This partial easing of WPB's lead use restrictions, besides affording an increase in the quota for white lead from 8 percent to 12½ percent for the third quarter of this year, and in the quota for red lead from 30 percent to 40 percent for the current quarterly period, has also increased the quotas for synthetic rubber manufacturing, gasoline refining and the production of decorative ceramics and decorative leaded glassware during the third quarter of this year.

In view of the unabatedly heavy requirements of the military establishment in zinc slabs, which current supplies are still insufficient to meet in their entirety, in spite of a steady increase in the domestic output of zinc ores and concentrates, WPB is firmly insistent upon restricting allocations of these slabs for the current month to the quantities required for the filling of preferred orders, explaining that these limitations on the permissible use of the slabs has been made necessary by the recent revocation of order M-11-b, which has lifted the bans hitherto imposed on many civilian enduses of metallic zinc. Quotations for zinc slabs have remained unaltered for the week July 27-August 3 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Red Lead—In line with the paint trade's fond expectations, the Tin-Lead-Zinc Division of WPB has granted the industry committee's urgently-requested liberalization of allotments of this pigment for the making of protective coatings for civilian enduses. WPB's division has accomplished this result by increasing the allotment under the supplementary lead order M-384 from the initial allowance of 30 percent of the base period consumption for the first six months of this year, or at a rate of 60 percent per annum, to 40 percent for the second half, or at a rate of 80 percent a year.

White Lead—In response to repeated requests of the protective coatings industry, WPB's Tin-Lead-Zinc Division has liberalized supplementary lead order M-384 to the extent of authorizing an increase in the allowances of both basic carbonate and basic sulphate white lead for civilian use from the 8 percent of base period allotment for the first half of this year, which was at a rate of 16 percent for the entire year, to 12½ percent for the second half of 1945, which is at an annual rate of 25 percent.

Fillers and Extenders

Charcoal—A fairly brisk inquiry continues to be noted for pine charcoal, with prices strongly maintained by producers.

Mica—Paint trade is still buying moderately actively of wetground grades, especially the finely powdered types, and only slightly less extensively of the dryground grades.

Dry and Chemical Colors

Carbon Black—The notable easing of the supply situation in carbon black which has taken place within the past month, as a result of the greatly steped-up production of channel and furnace blacks in new plant capacities and the recent slight slackening of consumption by synthetic rubber tire makers, resulting from the shutdown of some of their factories by labor strikes, has been officially recognized in a report by the War Production Board, issued last week, showing that the July output reached an estimated total of 102,800,000 pounds while the total requirements of last month aggregated 101,400,000 pounds.

Blue—As forecasted in the July 9 issue of OPD, the so-called "navy grades" of ultramarine blue—CUX-4186 and TTU-451—have been removed from complete allocation control to a preferred order status, whereat these grades have now become available for general distribution among paint makers for civilian enduses after all rated orders have been filled. This change in the status of these ultramarine grades, which has been made possible by a gradual reduction in the requirements of the Navy Department, has been accomplished by their transfer from M-300's schedule 37 to M-340, the so-called miscellaneous chemicals order.

Chrome Colors—In view of a recent reduction in the backlog of orders for Class A exempt chrome pigments and military cutbacks, WPB has increased its August allocations of sodium bichromate for the manufacture of these Class A quota chrome pigments. Manufacturers are now to receive 80 percent of their quota requirements in sodium bichromate instead of the 60 percent allocated in each of the last three months. It is expected that available supplies of chrome yellows and oranges, molybdated chrome oranges and hydrated chromium oxide embraced in Class A will be increased correspondingly in the current month.

Driers and Flatteners

Tallates—Undiminished recourse to tallates continues to be had by former users of naphthenates who are still unable to obtain authorization to buy these driers, despite WPB's recent announcement that more of them would soon become available for civilian uses of a highly essential character. This is continuing to impose a heavy drain upon stocks of virtually all the

Market Trends

Prices Advanced

Alphapinene, 1c. per gal.
Butyl acetate, norm. ferm., Ill., Ind. prod., 0.35c. per lb.
Butyl alcohol, norm. ferm., Ill., Ind. prod., ½c. per lb.
Congo copal gum, unsorted, No. 2, 5/8c. per lb.; No. 3, 7/8c. per lb.; FAD, ½c. per lb.; sorted, ¼c. to 5/8c. per lb.
Gum turpentine, 1c. per gal.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

For Current prices see alphabetical listing beginning on page 9.

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Subject to allocation by the War Production Board in accordance with Order M-300, Schedule 61.

This order has been amended to allow small order exemption up to 535 pounds free of allocation restrictions.

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KP-23, (Butyl "Cellosolve" Stearate)

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tallates, but the current supply of the latter is still proving adequate for meeting current requirements, while the immediate outlook for civilian use consumers continue bright, even in the face of the unabated strengthening of the market for tall oil, from which they are made.

Stearates — With the demand for these flattening agents still running to large proportions, producers are being kept busy meeting all requirements and, in some instances wherein their plant capacities are booked well ahead, they are finding it impossible to take on any new orders except for old customers.

Lacquer Materials

Butyl Acetate—As reported in the news columns of the July 30 issue of OPD, one leading manufacturer of butyl acetate of normal fermentation, produced in Illinois and Indiana, has advanced his prices for this material commensurately with his increased cost of production, to the extent of 0.35 cents per pound, effective August 1. This markup has made the revised prices:—In tankcars, 17.95 cents per pound; in tankwagons, 18.46 cents; in drums, carload lots, 18.95 cents, and in less than carlots, 18.45 cents.

Butyl Alcohol—In recognition of increased production cost, one leading producer of normal fermentation butanol, originating in Illinois and Indiana, has marked up his prices by a half cent per pound, effective August 1, as noted in a news item appearing in the July 30 issue of OPD. His revised prices for the current month, therefore, are:—18.8 cents in tankcars, 19.3 cents in tankwagons, 19.8 cents in drums for carload lots and 20.3 cents in drums for less than carlots.

Nitrocellulose — Because of an increasing tension in the supply situation of soluble nitrocellulose, due in large measure to the continuing heavy military requirements, this soluble material, used chiefly in the production of lacquers and to a much smaller extent in the making of plastics, has been included in the group of materials whose distribution is controlled by preferential ratings order M-340, which assures the meeting of all military and other essential needs through the filling of rated orders first, and which specifies that no purchase order bearing a preference rating below AAA need be filled during any succeeding month, unless it is placed at least ten days prior to the close of the preceding month.

Naval Stores

Outstanding among the interesting developments of the past week in the naval stores industry has been the announcement that the long-awaited and almost despaired-of markup of official ceiling prices for gum rosin, lifting these maximum price levels by 95 cents per 100 pounds, is now in the offing and about to materialize in the form of an amendment to the price regulation of the Office of Price Administration, originally issued in midsummer of 1943 and revised in October of that year. The Office of Economic Stabilization, which had previously declined to permit this urgently-sought uniform markup of gum rosin prices, has now assented thereto and given its formal approval thereof. And now OPA is expected to issue the higher maximum prices for gum rosin within the next few days, in order to induce producers and dealers to release as much of this gum as they have on hand, without further procrastination and stalling, for the purpose of taking advantage of the higher price limits, when issued.

Pine Tar — This product of the Southern long-leaf pine and loblolly trees has had its distribution control transferred from schedule 14 of order M-300, which provided for direct allocation control, to the provisions of order M-340, the preference or rated order regulation, which assures the meeting of all military and other essential requirements by the filling of rated orders first, with whatever then remains available to be distributed among unrated consumers.

Rosin—Announcement last week of OPA's contemplated issuance of new

SLC
Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
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Zinc Chromate
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
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METHYL CELLOSOLVE STEARATE

METHYL CELLOSOLVE STEARATE is a synthetic ester and is used as a plasticizer for cellulose derivatives and for resins. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOCH_2CH_2OCH_3$
Molecular weight	342
Color (platinum cobalt scale)	175
Melting point	64° to 70°F
Flash point	378°F
Acidity	less than 1.0 mg. KOH per gram ester

★

BUTYL STEARATE

BUTYL STEARATE is a synthetic ester and is used as a plasticizer in cellulose and polyvinyl derivatives, also for cosmetics and for paper coating. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOC_4H_9$
Molecular weight	341
Color (platinum cobalt scale)	130
Melting point	64° to 70°F
Flash point	358°F
Acidity	less than 1.0 mg. KOH per gram ester
Saponication number,	171-179 mg. KOH per gram ester

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C18H36O2 Stearic Acid = NEO-FAT 1-65
C8H16O2 Caprylic Acid = NEO-FAT 7
C12H24O2 Lauric Acid = NEO-FAT 11
C10H20O2 Capric Acid = NEO-FAT 15
C14H28O2 Myristic Acid = NEO-FAT 13
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price ceilings, 95 cents per 100 pounds above those now prevailing, had the expected reaction. Producers and dealers tightened their hold on such stocks as they had been able to accumulate and were even more reluctant than hitherto to part with them at existing prices, because of the imminent prospect of obtaining much more for them the moment the higher maximum price levels are made effective.

Savannah, Aug. 3.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.05	$5.05	$5.05	$5.05	$5.05
D	5.12	5.12	5.12	5.12	5.12
E	5.65	5.65	5.65	5.65	5.65
F	5.75	5.75	5.75	5.75	5.75
G	5.79	5.79	5.79	5.79	5.79
H	5.81	5.81	5.81	5.81	5.81
I	5.81	5.81	5.81	5.81	5.81
K	5.85	5.85	5.85	5.85	5.85
M	5.87	5.87	5.87	5.87	5.87
N	6.03	6.03	6.03	6.03	6.03
WG	6.28	6.28	6.28	6.28	6.28
WW	6.55	6.55	6.55	6.55	6.55
X	6.55	6.55	6.55	6.55	6.55
	Drums				
Sales	...	...	...	...	...
Receipts	...	102	50	100	59
Shipments	...	50	...	...	...
Stocks	4,422	4,474	4,525	4,684	4,743

Turpentine — Despite a temporary lagging of the demand from the paint trade, due to the long-continued rainy spell, which has greatly restricted outdoor painting operations, there has been considerable activity in the primary markets for gum turpentine, accompanied by a generally strengthening undertone. Although the Savannah market registered a decline of a half cent per gallon in the official Naval Stores Exchange price from the previous week's closing figure of of 75½ cents, at the outset of the week, there was a stiffening of that market thereafter and a consequent reversion to that level and then to 76½c.

Savannah, Aug. 3.—Following is a record of the market for the week:—

	Bulk gallons—Cents.	Sales.	Barrels—Receipts.	Shipments.	On hand.
Monday	75	1,850	20	2	8,278
Tuesday	75	...	45	...	8,223
Wednesday	75½	700	166	...	8,429
Thursday	75½	...	34	425	8,038
Friday	76½	5,050	33	2	8,069

Synthetic Resins

Melamine Aldehyde Resins—Another shift in the control of their distribution has been made by WPB for melamine aldehyde resins as well as for urea aldehyde resins and both melamine and urea aldehyde molding compounds. Except for those used for protective coatings, these resins and molding compounds have now been transferred from the direct allocation control provided in section 35 of the general chemicals allocation order M-300 to the miscellaneous chemicals preference ratings order M-340, which assures the meeting of military and other essential requirements by providing for the filling of rated orders first, with the remainder of the available supply left for equitable distribution among unrated consumers.

Phthalic Alkyd Resins—According to an announcement made by WPB last week, paint manufacturers and other users of phthalic alkyd resins whose distribution is controlled by schedule 59 of M-300, will hereafter receive limited allocations for inventory. But such allocations for inventory are subject to further authorization before use is permitted. In greater retail, it is explained by this bureau that, if a customer of phthalic resins finds that he has in his inventory a quantity of these resins which he cannot use because of contract cancellations or because the material is off-grade, he may sell them back to the producer as a "special sale," without the need of authorization, in accordance with priorities regulation No. 13. However, the producer, in turn, cannot ship other kinds of phthalic resins to replace resin made unusable because of contract cancellations or changed specifications until authorization from WPB is received.

A list of synthetic resins, with the current prices, appears in this issue of OPD, beginning on page 32.

Varnish Gums

Copal — Supplementing its schedule of maximum prices for Congo copal gum, which it established on April 21 last, whereby it lifted the buying price ceilings for the three unsorted classifications of this gum purchased in the Belgian Congo by importers in the United States and arranged for a commensurate marking up of prices for these three unsorted grades following their importation into the United States, the Office of Price Administration has issued new sets of prices for the sorted grades which importers may pay for them at the source as well as for these grades, designated as Nos. 31 through 41, and also for the FAD grade and likewise for Momboyo copal.

The new maximum prices for the sorted grades ex dock or port warehouse in the United States, which show markups of one-quarter to five-eights of a cent per pound for most of them, although unchanged from

—*Continued on page* 56

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NEW YORK 17, 52 Vanderbilt Ave.
SAN FRANCISCO 5, 503 Market Street

Current Prices

—Continued from page 32

Wax, ouricury,[1] bgs., ton lots..lb. .49½- .51¾
smaller lots.....lb. .50½- .61½
refined, bgs., ton lots.....lb. .50½- .61½
smaller lots.....lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 2.50 - —
White pine bark, rossed, bls..lb. .14 - .15
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., works, ton. 7.00 - 9.00
wet-grd., air-coated, 300 mesh, 90¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, 99¾%, bgs., c.l., ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Paris white, bgs., c.l.....ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, natural, bgs.....lb. .16 - .17
rossed, green, bls.....lb. .25 - .26
Wild indigo root, bls.....lb. .17 - .18
Witch-hazel leaves, bls.....lb. .14 - .15
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mash, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.... lb .20 - .23
Levant, bgs.....lb 4.50 - 4.75
Wormwood, bls.....lb. .50 - .60

X

Xanthorrhiza, bls.....lb. .24 - .25
Xylene (see Xylol).
Xylidin, mixed, dms.....lb. .85 - .86
Xylol,[3] (xylene), indus., ret. dms., works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West Minnequa, Colo...gal. .27 - —
10°, ret. dms., works.....gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, ret. dms., works.....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
3°, ret. dms., works.....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., No. N. J..gal. .26 - —

Y

Yara yara, cryst., bots., cns..lb. 1.90 - 2.00
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, barium chromate, CP, bgs., l.c.l., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .22 - —
Barium chromate yellow price differentials in other State and city zones are those for chrome yellow below
Benzidin, bbls., dlvd.....lb. 1.35 - 2.25
Cadmium, CP, bxs.....lb. 1.35 - 1.40
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis, lb. .65 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —
Chrome yellow prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport), 1¼c.; Miss., N. C., S. C., Tenn., Tex. (Dallas), 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Mercury oxide, bbls., 1,000 lbs., lb. 2.43 - —
smaller lots.....lb. 2.45 - —
Ocher, American, golden, bbls., works..lb. .04½- .06¾
yellow, bbls., works.....lb. .02 - .02¾
French type, bbls., c.l.....lb. .0845- —
l.c.l. .....lb. .0865- —
Oxide, iron, nat., bbls., c.l., Bethlehem, Easton, Pa..lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth., bbls., c.l., works..lb. .0685- —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Zinc,[4] bbls., same basis as chrome..lb. .16 - —
Navy spec. type, bbls., contract..lb. .16 - —
Yellow dock root, bls.....lb. .35 - .36
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .21 - .25
Yohimbine hydrochloride, vis..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works...lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd.lb. .16 - .17
USP, bbls.....lb. .26 - .27
kgs. .....lb. .29 - —
Arsenite,[7] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .13½
l.c.l., same basis.....lb. .12¾- .13¾
Borate, bgs., c.l.....lb. .12 - —
Carbonate, tech., rubber makers' grade, bbls., works..lb .09¾- .10¾
Zinc carbonate, USP, precip., powd. bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works.... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
solution, 50%, dms., c.l., works..lb. .0315- —
l.c.l., works.....lb. .04¼- .04½
tanks, works.....lb. .0250- —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
Chromate (see Yellow, zinc).
Cyanide, kgs., works.....lb. .33 - .37
Dust,[6] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works.....lb. .1135- —
Fluoride, bbls.....lb. .25 - .30
Hydrosulphite, dms., works..lb. .16 - —
Iodide, NF, bots.....lb. 4.68 - 4.75
jars .....lb. 4.40 - —
Laurate, bbls.....lb. .32 - .33
Metal,[1,5,8] (quotations in Protective Coatings market).
Naphthenate,[6] 8%-10% Zn, dms., lb. .16 - .19½
Oxide pigment, dom., acicular,[8] bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
American process, com'l, lead-free,[8] bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
leaded,[6] 50%, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .07⅝- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07¼- —
French process, com'l, lead free,[8] bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
Zinc oxide, pigment, dom., French process, green seal, bgs., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09¼- —
red seal, bgs., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
white seal, bgs., c.l., dlvd..lb. .09¼- —
l.c.l., dlvd.....lb. .09¾- —
Zinc oxide Pac. Coast prices ½c. higher; bbl. prices ½c. higher than bgs.
USP[8], ctns, c.l.....lb. .10½- —
l.c.l. .....lb. .10¾- —
Resinate,[6] fused, 1% Zn, lump, dms..lb. .11 - .12
precipitated, 8.40% to 9% Zn, powd., dms..lb. .14½- .15
Silicofluoride, bbls.....lb. .15 - .16
Stearate, tech., ctns., c.l., frt. equald..lb. .29 - —
smaller lots, same basis.lb. .30 - .31
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs. 3.40 - —
l.c.l., same basis.....100 lbs 4.15 - —
flake, bgs., c.l., same basis. 100 lbs. 3.80 - —
l.c.l., same basis.....100 lbs. 4.55 - —
powd., bgs., c.l., same basis.. 100 lbs. 5.35 - —
l.c.l., same basis.....100 lbs. 6.10 - —
Zinc sulphate, in bbls., 25c. higher.
Sulphide,[1,5] pure, bgs., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .08½- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd.....lb. .08¾- —
Barium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
Calcium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb .0585- —
Zinc sulphide, fluorescent pigment, works, frt. alld..lb. .90 - 1.00
Magnesium pigment, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Zinc sulphide and pigments, Pac. coast prices ¼c. higher; bbl. prices ¼c. higher than bgs.
Sulphocarbolate, NF, bbls., dms. lb. .28 - .31
Tallate, 5% Zn, dms.....lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld..lb. 2.00 - 2.80
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies, lb .06¼- —
Pac. cst.....lb. .06½- —
ex whse., Pac. cst.....lb. .07 - —
Zirconium hydride, cns., works, lb. 7.00 - 8.00
Nitrate, kgs., works.....lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
ex whse., Pac. cst....lb. .07 - —
white, 98%, grd., kgs., works, lb. 1.80 - 2.00

Nu-Enamel Re-Elects Officers

Nu-Enamel Corporation, New York, stockholders at its annual meeting in Chicago last week elected management-proposed slate of directors. The final vote was 261,086 shares in favor to 12,959 shares opposed.

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Oils, Fats, and Waxes

Persistent demand continued to feature the oils and fats market during the week. Trading however was quiet, because of the lack of supplies. The market continued in a firm position, with prices straining at ceiling levels. The closing down of the production of old crop cottonseed, peanut and soybean oils has swung consuming inquiry to new crop oil. Refiners were bidding at ceilings for crude for future requirements and some business was transacted. Crushers were not inclined to accept contracts for sizable commitments, as yet. The same conditions apply to the meals of the aforementioned oils. An urgent demand from the feedstuffs trade and inability to get supplies have brought out an early request for new crop material for Fall and Winter delivery, with processors showing little selling interest.

Arrivals of a sizable quantity of stearic acid from the Argentine were noted during the week, the bulk of which was delivered for consumers' account. Users were in dire need of this material, and the cost of the imported product was sharply above the domestic grades levels.

Inclement weather has affected menhaden fishing off the entire Atlantic coast during the past fortnight. Reports state that the fish caught thus far this season were not fatty and small, yielding little oil. Refiners have been bidding at ceiling for crude menhaden oil, but trading of late has been slow, producers preferring to wait further developments. Sardine fishing on the Pacific Coast began August 1. It was stated that considerable oil has already been sold, if and when made.

Cottonseed Oil

Refiners showed more interest in new crop crude oil, but crushers were not inclined to accept contracts for sizable quantities as yet. Some trading was reported at ceilings, but the volume was small. Demand for old crop continued keen, with supplies scarce and sales limited to an occasional carlot.

Commodity Credit Corporation announced July 30 the extension of time for the acceptance of the offer to cottonseed processors (1945 CCC cottonseed form A) from August 1 to September 1, 1945

Imports of 154 drums of cottonseed oil were noted from Brazil during the week.

CCC announced purchases of 2,000,000 pounds of colored, tropical oleomargarin at 15.52c. per pound, in tins, f.o.b. works, July 12, and 2,450,000 pounds at 15.45c. and 15.60c. per pound, same basis, July 13.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
September	....	....	14.25 bid
October	....	....	14.10 bid
December	....	....	14.00 bid
March	....	....	13.90 bid
May	....	....	13.85-14.31
July	....	....	13.85-14.31

Total sale, none.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12½c. f.o.b. works (all ceiling prices).

Memphis, Aug. 2.—Cotton crop progressing favorably, although late and spotted. Practically no cottonseed oil or meal available. Mills sold up for the season.

Linseed Oil

The arrival of some 101,000 bushels of flaxseed at New York for allocation to eastern crushers was the bright spot in the market during the week. Main activity in the market was the withdrawal of oil against former contracts, while the demand on priority orders was rather spasmodic. Consumers were showing keen interest for Fall requirements. Quotations were strong at ceilings.

Minneapolis, Aug. 1.—It is well-nigh impossible to estimate the percentage of oil production in the local area from day to day as mills are trying to stretch their supplies as far as possible. Oil shipments from Minneapolis have been fairly well maintained by drawing on government stocks.

Shipments of linseed oil, in pounds, were as follows:—

	1945-44	1944-43
This week	4,560,000	11,220,000
Since Sept. 1	212,110,000	318,030,000

Market Trends

Prices Advanced
None
Prices Reduced
None
Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
193.3	193.3	193.3	192.7

Los Angeles, Aug. 1.—This market retains its steady tone and deliveries are reported as good against current contracts. Oil was quoted at 14.5c. per pound in tankcars and 14.9c., drums, carlots.

Other Vegetable Oils

Babassu—Imports of oil totaled 280 drums and 8,330 bags of kernels, consigned to crushers on allocation.

Castor, Dehydrated—Inquiry continued keen, but trading was limited by government allocation. Imports of castor oil from Brazil totaled 245 drums during the week.

Oiticica—Imports amounted to 970 tons in bulk and 660 drums during the week, the bulk of which was sold before arrival. Offerings on the spot and for shipments were light and prices firm at former levels. Reports from Brazil stated that the major portion of this season's output has been sold and offers for shipment were indefinite and for forward positions. Buying interest was fairly active.

Peanut—Old crop has been practically cleaned up, and sales of crude were confined to scattered carlots. Light trading was reported in new crop oil, but producers were not included to accept sizable business.

Soybean—Some new crop trading was reported at ceiling in the West, but the volume was limited. Old crop oil has been practically cleaned up, with sales confined to an occasional tankcar.

Tung—Although trading was limited by the recent restrictions on uses ordered by CCC, an active consuming inquiry was noted during the week. Volume of sales was fair at ceilings.

Atlanta, Aug. 1.—Only scattered tanks of peanut and cottonseed oils sold during the week. Most producers sold up. Some new crop oil has been sold, but crushers not inclined to offer at present. New crop cottonseed production is expected to start in about two weeks in southern Alabama and Georgia. Active demand for all oil meals unsatisfied. Georgia cotton crop in fairly good condition.

Los Angeles, Aug. 1.—This market remained tight as supplies were short. Few offerings were made, and prices remained unchanged, a condition which has prevailed for some months. Ruling prices are:—Castor, prime cold pressed, 13.6c. per pound in tankcars, f.o.b. this city; 14.6c. per pound in drum carlots, plus drum cost; chinawood, 38½c. per pound in tankcars; coconut, crude, 8c. per pound in tankcars; cottonseed, bleachable, 14.51c. per pound in tankcars; mustard seed, 14c. per pound in tankcars; peanut, crude, 13.9c. per pound in tankcars; sesame seed, crude, 15c. per pound in tankcars; soybean, crude, 12.50c. per pound in tankcars, refined bleached and deodorized grade named at 13.815c. per pound.

Flaxseed—Crushers were operating part time. Seed receipts improved slightly.

Minneapolis, Aug. 1.—Experts were becoming more and more optimistic about the new flaxseed crop, hoping that a long drawnout Fall will bring to maturity the late sown seed and a large harvest of quality flax. Cutting of new crop flax has started in southern areas, notably in Iowa and Southern Minnesota, but thus far the only samples of flax available have been hand threshed and are more or less meaningless from the standpoint of average quality.

Crop movement in bushels follows:—

	Receipts— 1945-44	1944-43	Shipments— 1945-44	1944-43
This week	87,000	167,000	18,000	37,500
Since Sept. 1	11,832,000	22,546,000	2,057,000	2,891,500

Flaxseed markets in Minneapolis and Duluth during the week were unchanged at $3.10 (ceiling) per bushel for spot and forward deliveries.

Buenos Aires, Aug. 2 (Comtelburo).—The Argentine government tonight officially announced that free trading in wheat, flaxseed, and corn, presumably covering 1945-46 crops, is again permitted. It is therefore believed that farmers

For Current prices see alphabetical listing beginning on page 9.

are no longer under any obligation to sell these crops to the government.

It is also now questionable whether any quantities of new crop Argentine flaxseed may be offered to the United States Commercial Company under the terms of the United States-Argentine agreement of May 9, 1945, which fixed the United States buying level for Argentine flaxseed at $1.66 per bushel, f.o.b. steamer, Buenos Aires.

Buenos Aires, Aug. 3.—Flaxseed shipments were 157,000 bushels to the Continent and 79,000 bushels to the United States during the week. Visible supply of seed was placed at 4,331,000 bushels.

Hull, Aug. 3.—Bombay, £40, August; Calcutta, £34½, August; La Plata not quoted.

Fats and Greases

Greases—Trading was quiet during the week owing to the scarcity of offerings. Production continued limited and was sold well ahead. Inquiry was keen at ceilings.

Lard—The lard set-aside was reduced from 5½ percent to 4 percent under amendment 19 to WFO 75.3, effective July 30, it was announced by the Department of Agriculture. As a result of this action about 60,000,000 pounds of Federally-inspected lard will be available for civilian distribution during August, an increase of 40,000,000 pounds over the prevailing set-aside requirements. The order applies to Federally-inspected slaughterers operating in all States except the 24 which have previously been exempted from the lard set-aside. Lard stocks in Chicago totaled 9,984,469 pounds on July 31, as compared with 8,676,325 pounds July 15; 8,792,928 pounds, June 30, and 63,116,928 pounds, July 31, 1944. Commodity Credit Corporation announced purchases of 9,766,000 pounds of lard for shipment under lend-lease on July 17, 18, 19 and 20.

Tallow—Reduced output of grease has increased demand for tallow, but with available supplies limited, trading continued light. Market was firm, with some sales noted at ceilings.

Fish Oils

Menhaden Oil—Stormy weather affected menhaden fishing along the Atlantic coast during the week. An active inquiry continued for crude oil, if and when made, but producers were not inclined to accept bids at ceilings. Refined oil also in keen demand for forward delivery. Offerings were limited.

Baltimore, Aug. 1.—Another week of rainy weather has resulted in holding down the catches of the menhaden fishing fleet to almost nothing. This condition was not confined to the Chesapeake Bay but virtually to the whole coast. Meanwhile the demand for oil remains very active, though producers have practically ceased booking orders. Crude oil was firm at 8.9c. per pound, in bulk.

Sardine Oil—Trading in crude oil continued slow. Inquiry was keen with refiners bidding at ceilings.

Los Angeles, Aug. 1.—Little activity was noted in the crude sardine oil market here this week, but prices remained at ceiling. Sardine and pilchard fishing opened in northern California today. However, almost all supplies for the season have been sold ahead and the market is expected to remain extremely tight. The season opens in southern California October 1.

Fatty Acids

Red Oil—Conditions in this market continued firm with production sold well ahead. Sales were restricted by government allocation. Prices unchanged at ceilings.

Stearic Acid—Arrivals of 3,295 pkgs. of stearic acid were reported from the Argentine, the bulk of which was sold before arrival. Sales of double pressed

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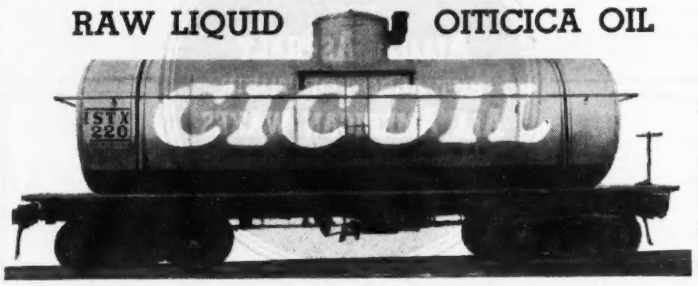

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were made at approximately 29c. per pound and triple pressed at 31½c. per pound, duty paid. Domestic grades continued scarce with output sold up. Producers confined transactions to regular customers at ceilings.

Cake and Meal

Cottonseed Meal—Buying interest continues from both feed and fertilizer trade for spot and deferred shipments, but processors showing no selling interest. A large part of first few months' production will be exchanged to growers for cottonseed. Unless a substantial tonnage of soybeans is again diverted to southern processors, the shortage of oilseed meals in the South will become more than critical this Fall and Winter. The production of cottonseed and peanut meals is not expected to be sufficient to take care of both feed and fertilizer requirements.

Linseed Meal—Offerings continued practically unavailable. Production sold up. Demand keen.

Minneapolis, Aug. 1.—Demand continued brisk and it appears that there will be no let-up in this demand during the current season. Buyers find little or nothing for sale as mills maintain a firm attitude toward merchandising of forward meal and have nothing to offer in the spot market.

Shipments of linseed meal, in pounds, were as follows:—

	1945-44	1944-43
This week	1,680,000	9,840,000
Since Sept. 1	165,850,000	332,200,000

Peanut Meal—Trading at standstill because of sold up production. Feed trade showing active interest in new crop production, but processors unwilling to make commitments at this time. Another shipment consisting of 5,000 tons shelled peanuts is enroute from South America, soon due at an Atlantic port. They will be crushed in North Carolina, having been purchased by a large refinery interest, operating crushing units.

Waxes

Beeswax—Arrivals at New York were reported at 368 blocks for delivery against previous orders. Business was slow, with offerings from primary market scarce. Prices were firm at ceilings.

Candelilla—While inquiry was keen for shipment from Mexico trading was quiet in the absence of offerings.

Carnauba—Arrivals were reported totaling 8,749 bags during the week, which were consigned against former contracts. Supplies on the spot were reported nil. Offerings from Brazil continued scarce, though demand was urgent at ceilings.

Oriçury—Scarcity of offerings from Brazil continued to retard business. Consumers were bidding at ceilings.

WFA Fats Order Violator Fined $5,000

Federal Judge Smith in Newark, N. J., last week fined Herman Yablick, trading as the Columbia Paint & Varnish Company, Jersey City N. J., $5,000 for violation of a War Food Administration order.

The defendant was accused of wilfully and unlawfully using 537,584 more pounds of fats and oils to manufacture house paints and enamels than he was permitted under his quota. Assistant U. S. Attorney Rossbach told the court that an inspection made after the charges were filed showed that the actual overuse was about 60,000 pounds.

Protective Coatings

—Continued from page 52

the April 21 figures in five instances, are:—No. 30, 55¾c.; No. 31, 21⅛c.; No. 32, 16⅜c.; No. 33, 14⅝c.; No. 34, 9¾c.; No. 35, 15⅞c.; No. 36, 12⅝c.; No. 37, 18¾c.; No. 38, 12¾c.; No. 39, 10⅝c.; No. 40, 8½c.; No. 41, 11⅝c. The revised ceiling prices for the unsorted grades are:—For No. 1, 15⅜c., unchanged from the April 21 schedule; for No. 2, 13⅛c., five-eighths cents higher; for No. 3, 13⅛c., seven-eighths of a cent higher. FAD, formerly ceiled at 14⅞c., has been advanced by a half cent to 15⅜c. And Momboyo No. 1 is fixed at a maximum level of 13½c.

Shellac—With no new offerings of seedlac and the dark hued grades of shellac now being made from the Bysaihki crop in India and with only scanty stocks of these grades available for bleaching here, the local market for this natural resin is still poorly supplied with any forms of lac except the pale and more expensive types. Hence, bleaching operations continue rather restricted for lack of an adequate supply of seedlac and T. N. as well as for lack of sufficient labor in most areas of processing while cutting operations are also somewhat constricted by lack of an adequate allotment of denatured alcohol for this purpose.

Exports of shellac from Calcutta to all consuming countries for the first three months of this year, compared with those for the corresponding periods of 1944 and 1943, are shown below:

	Packages		
	1945	1944	1943
Orange	41,330	58,008	19,700
Garnet	3,825	885	1,205
Button	2,781	2,591	397
Seed	13,497	9,053	887
Other kinds	44	.....	.....
Totals	61,477	70,537	22,249

Glues and Binders

Casein—Although the only cargo of Argentine casein reaching the United States in the interval under review has consisted of only 1,974 pounds, with a combined weight of only 164,516 pounds, the supply of casein from Argentina and from domestic production sources is now sufficient for meeting all current requirements. American importers continue to ask 21c. to 23c. per pound for Argentine material, according to quantity, while domestic producers are still holding firmly at 24 cents per pound.

China Clay Output Declined in 1944

China clay sold used by producers in the United States totaled 873,056 short tons in 1944, as against 929,437 short tons in 1943, and 946,588 short tons in 1942, according to the Bureau of Mines.

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Textile and Leather Chemicals

Tight supply situation in sizing materials continued to dominate the textile and leather chemicals market during the week. In fact, the situation was more critical than a month ago and the scarcity of corn resulted in a further decrease in the production of corn derivatives. Leading processors were compelled to shut down one plant for a week and to operate others on a part-time basis. Endeavoring to improve the situation and start the flow of corn into manufacturing channels, officials of the Department of Agriculture stated early in the week that there was no intention of recommending an increase in the price ceiling of corn and suggested that sellers would be doing a real patriotic service by marketing as soon as possible the corn not needed for their operations. Deliveries of dextrines and starches were from six to ten weeks behind schedules. Consuming demand continued urgent, with processors only accepting new contracts, subject to delay in deliveries.

While tanners were showing little interest in most foreign tanstuffs, reports from these primary sources indicated firm markets under an active trade with European and other foreign consumers. Prices for shipments were firm. Wattle extract and mangrove bark proved exceptions during the week. Tanners were in the market for replacements of these materials, but trading was light owing to limited offerings from primary centers.

Allocations of sodium bichromate for the manufacture of Class A quota chrome pigments for the month of August have been increased, the War Department Board announced August 2. Manufacturers will receive 80 percent of their quota requirements instead of the 60 percent allocated in each of the last three months. However, no change will be made in order M-370, which controls chrome pigments.

Chemicals

Alumina Chloride—In moderate call and firmly maintained. Deliveries against former orders moving in steady volume. Prices unchanged.

Bichromates—Firm conditions featured this market. Production in urgent demand, the bulk of which was absorbed for military requirements, under WPB allotment.

Sulphonated Oils—Tanners taking sizable quantities for prompt needs. Market continued firm and reflected the strength in basic oils and fats. Prices were well maintained.

Zinc Dust—Production in May totaled 2,252 tons and shipments were 2,197 tons. Stocks on hand at the end of May were 937 tons against 882 tons the end of April.

Sizing Materials

Albumen Blood—While new business was reported less active during the week, a steady call continued against current contracts, which has been absorbing the bulk of production. Prices firm. Interest in soluble dried blood was fairly active.

Albumen Egg—Scarcity of supplies continued to affect business during the week. Demand was urgent, but sellers were unable to offer. Production of dried egg was far below last year. Price ceilings were advanced 3c. per pound, effective August 1. Edible, powdered, was increased to $1.97 to $2.05 per pound, in barrels, depending on quantity, and granular, crystals, to $1.92 to $2, same basis. The quantity of dried egg produced during June totaled 8,951,000 pounds, compared with 32,712,000 pounds in June last year. Production consisted of 7,809,000 pounds of dried whole egg, 261,000 pounds of dried albumen, and 881,000 pounds of dried yolk. The output of dried egg for the first six months of 1945 totaled 84,361,000 pounds, compared with 178,930,000 pounds during the same period last year.

Dextrin Corn—While demand was urgent, the reduced production continued to obstruct business. Withdrawals against former contracts were in active request, but deliveries were from seven to ten weeks behind schedules. Prices were strong.

Egg Yolk—No improvement was evident in the scant supply situation. Market was practically bare of supplies, with consuming inquiry keen. Production of egg yolk totaled 881,000 pounds during June as compared with 784,000 pounds for the same month last year, according to the Department of Agriculture. Production was sold well ahead. Price ceilings were advanced 1c. per pound, effective August 1, increasing quotations of dried yolk to $1.03 to $1.09 per pound in barrels, depending upon quantity.

Starch Corn—There was no improvement in the tight supply situation. Production continued curtailed in view of the limited quantities of available corn. Demand was urgent and deliveries were from seven to ten weeks behind schedules. The visible corn supply was reduced 931,000 bushels for the week ended July 28 to 8,124,000 bushels as compared with 12,485,000 bushels for the same period last year, according to the Chicago Board of Trade. In order to increase the movement of corn from farms into processing channels, Secretary of the Department of Agriculture, stated that he had no intention of recommending an increase in the price ceiling of corn. Commodity Credit Corporation reported purchases of 870,000 pounds of powdered corn starch at 3.72c. per pound, in bags, f.o.b. works, and 600,000 pounds at 3.892c., same basis; also 580,000 pounds of pearl at 3.57c. and 400,000 pounds at 3.737c. per pound, same basis. These transactions were made July 16 and 17. Purchases also were reported on July 14 of 1,374,000 pounds of powdered cornstarch at 3.892c. per pound, bags, works, and 916,000 pounds of pearl at 3.777c. per pound, same basis.

Tapioca Flour—Owing to the scarcity of supplies, trading was inactive during the week. Consuming inquiry continued excellent, and the market was firm at ceilings. Imports of late have been light, although large quantities reported at 1,500 tons were awaiting shipment from Brazil which have been delayed about two months because of the lack of cargo space. Production in San Domingo for this season was estimated at 5,000 tons. The crop was injured by drouth and is about half the total forecast early in the season.

Tanning Materials

Divi-Divi—Tanners were showing little interest in this material. Supplies on hand appear sufficient to cover prompt and nearby requirements. Primary markets, however, were steady and unchanged. Trading for European account was reported to have absorbed sizable quantities.

Mangrove Bark—Consuming inquiry was more active for good quality material. Recent arrivals were said to be poor and wet. Prices for shipment were firm. Recent imports totaled at 2,797 bags and were consigned on previous orders.

Myrobalans — Business was slow during the week. Supplies in consumers' hands were heavy and improvement in demand was not expected until the Fall months. Primary markets were firm and unchanged.

Quebracho — Arrivals of sizable quantities of extract from producing sources have taken the edge off the recent keen demand. The market, however, continued steady at ceilings. Arrivals totaled 10,110 bags during the week. Inquiry for export was reported for European account.

Wattle—Tanners were showing an active inquiry for extract for prompt and nearby delivery. Offerings from Africa were light and the market was strong at ceilings. Interest in the bark was quiet.

Market Trends

Prices Advanced

Albumen, egg, edible, 3c. per lb.
Egg yolk, 1c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
296.3	293.8	286.0	266.2

For Current prices see alphabetical listing beginning on page 9.

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Drugs and Fine Chemicals

The sugar outlook in the east has improved at least to the extent of 40,000 tons to be redistributed to alleviate the shortage which is acute there—a fact that should find favor with drug and pharmaceutical houses if allocation proceedure extends to them as well as to civilian users. The consumers of normal butyl acetate and alcohol made in Illinois and Indiana by the fermentation process will pay higher prices for their August allotments. Menthol consumers find the downward price movement being extended further last week. Also, quicksilver prices sagged further but moderately.

Such were influential developments last week in the market for drugs and fine chemicals. Shortages of material cropped up here and there. An important one was that in diamylamine for which a unit of the army stands in real need. So much so that anyone who knows where a few drums can be had will do a kindly act if they will inform *OPD* who has it and where it is that this paper may inform the needy army unit. The shortage is caused by production having been disrupted by lack of equipment.

The castor oil mills are hungry for raw material and the latest record in imports of beans shows the import total since January 1 to be running behind that for the corresponding time a year ago. Recently, total import figures were ahead of 1944.

Imported cream of tartar continued to offer the domestic product stiff competition which, to this writing, the American makers have passed by without more than mere notice of its presence. Some think that competition in all crude tartar derivatives is destined to increase as time permits more and more raw material to reach foreign manufacturers of tartaric acid, cream of tartar and Rochelle salt.

Acid, Boric—Business was steady and along conventional lines throughout the past week. Prices seemed to be well stabilized. All requirements of consumers are being supplied on a prompt basis so far as production is concerned. Some troubles are experienced because of transportation difficulties.

Acid, Citric—There is far more need for citric acid than present stocks can supply other than on a quota basis. The major users get a very small part of their normal requirements and conditions do not point to an improvement in that aspect of the market.

Acid, Dichlorophenyoxyacetic—This weed killer is almost impossible to obtain at this time and the two leading suppliers report none to offer. The price basis is 85c. to $1.10 per pound with nothing to sell.

Agar—WPB has been advised to reduce its stockpile by approximately 50 percent because domestic production is keeping up with requirements. Since production is meeting demand, maintenance of a large stockpile is considered no longer to be necessary.

Aloe—Curacao aloe was advanced to 45c. to 46c. per pound, being further evidence of the sudden strengthening of a market that had been recently undergoing a considerable decline. Spot and replacement cost are coming more closely into alignment.

Antipyrene — Producers have been able to supply goods about as required. Federal requirements are said to be backed by a good-sized reserve, a condition that should be felt in civilian distribution quarters.

Bismuth Metal and Salts—All medicinal requirements are being met. War consumption of metal keeps reserves of that item within narrow limits. No surplus of any article is noted now.

Butyl Acetate—Prices for the next month will be 35/100c. higher on fermentation normal butyl acetate made in Illinois and Indiana. The new quotations are as follows:—Drums, carlots, 18.95c. per pound; less carlots, 1945c.; tanks, 17.95c. Quotations on fermentation produced at other points, and also on synthetic material, remain unchanged.

Butyl Alcohol—Illinois and Indiana producers of normal fermentation material raised prices ½c. per pound to govern August transactions. The new quotations are:—Drums, carlots, 19.80c. per pound; less carlots, 20.30c.; tanks, 18.80c. Other fermentation butyl alcohol and also the synthetic article hold unchanged.

Market Trends

Prices Advanced

Aloe, Curacao, 5c. per lb.
Butyl alcohol, 35/100c. per lb.
Butyl alcohol, ½c. per lb.

Prices Reduced

Menthol, 25c. per lb.
Quicksilver, $2 per flask.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
214.6	215.4	218.2	239.5

Caffeine—Needs are met partly by domestic production and imports from Brazil. British prices now stand at 39s. per pound instead of 37s. as previously reported.

Castor Oil — Consuming requirements kept the market humming and there was a tight situation so far as supplies were concerned. Prices for beans remained unchanged at the source and resumption of transactions must be awaited to determine which way the market will move from its present base of $82 to $83 per long ton, Brazilian ports. During the past week, importations totaling 1,588,500 pounds of beans were noted. This brought the total imports since January 1 to 158,052,750 pounds. The total compares with that of 163,460,490 pounds of record for the corresponding period of time in 1944.

Chicago, Aug. 1.—Prices are:—Cold pressed, U.S.P., returnable drums, carlots, 13¾c. per pound; drums, less than carlots, 14½c.; tanks, 13c.; No. 3, extracted, drums, carlots, 13½c.; drums, less than carlots, 14¼c.; tanks, 12¾c.

Codliver Oil — Although an importation of 2,272 drums was noted during the past week, it did nothing to ease either unsold supplies and prices to prevail on further business. Most of the oil that arrived had been sold some time ago and it figured in market activities only in the prompt shipment of goods owed consumers with contracts.

Cream of Tartar—Imported material continued to undersell the domestic article by a considerable price margin but the domestic manufacturers have yet to pay definitive attention to the competition. This type of competition seems destined to grow.

Diamylamine—Production has been disrupted by lack of equipment and, it is feared, may not be restored for some months. Intermediate suppliers' stocks are practically nil. Anybody knowing where there is some will do the army a helpful turn by passing the information to *OPD* for transmission to the needy unit.

Epsom Salt — Requirements of all kinds account for a sizable total of business done on the basis of stabilized prices and in the absence of anything reasonably resembling competition.

Eserine—Any form of this article is very difficult to come by and with the outlook being poor for restoration of supplies, the market remains in virtually nominal position.

Fishliver Oils—A jag amounting to 100 barrels of fishliver arrived in this country last week, according to eastern reports. The Commodity Credit Corporation on July 24 bought two lots of vitamin A oil. One contained 408,240 million A units of halibut and sable oil, bought at 28½c. per million units. The other was 194,761 million A units of sharkliver oil, concentrated, also at 28½c. per million units.

San Francisco, Aug. 1.—There is no improvement in the Pacific Coast supply of fishliver oils. All potencies are in active demand, but few offerings were made.

Glycerin—Maldistribution of supplies, both crude and, to some extent refined, contributes much to the present rather tight situation. The tightening started weeks ago when one small glycerin factor put his crude prices to ceiling limits. The leading refiners thus far have succeeded in holding quotations back from an advance that has been attempted by a few. Some of that butter you did not get even if you had red points turns

For Current prices see alphabetical listing beginning on page 9.

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out to have gone rancid and was sold to a soapmaker. The quantity was 90,000 pounds of butter from which 135,000 pounds of soap were made. Making the soap meant that the butter was also a source from which a substantial amount of crude glycerin was recovered by the soapmaker.

Chicago, Aug. 1.—Prices are:—Chemically pure, tankcar, 17c. per pound; returnable drums, carlots, 17¼c.; drums, less than carlots, 17¾c.; high gravity, tanks, 16¾c. per pound; drums, carlots, 17c.; drums, less than carlots, 17½c.

Hyoscine Hydrobromide—The Drug and Cosmetic bureau of the War Production Board has recommended that stockpiling of this material be discontinued and the present stockpile liquidated. This is considered to be warranted by the improved availability of supplies.

Lanolin—The Midwest Regional Office of the Department of Agriculture is offering 760 5-lb. cans and 89 1-lb. cans of lanolin stored at 847th AAF Specialized Depot Fatsc. Springfield, Illinois, on "as is, where is, without recourse" basis. Bids must be requested per unit of entire quantity FOB, present location. Bids close 5 P.M., CWT, August 14, for acceptance on or before August 16. Further information is available from Marcus J. Daly, Midwest Regional Office.

Menthol — Prices declined once again, reaching the level of $7 to $7.25 per pound for natural Brazilian menthol. The declining trend in values has curbed buying activity considerably and there are those who expect the reductions to be extended further before stability shall begin to develop.

Milk Powder—Purchases made by the Commodity Credit Corporation between July 20 and 24 were:—Skimmed milk powder, roller process, 3,793,835 pounds; spray process, 2,366,155 pounds; whole milk powder, 245,000 pounds.

Opium—Freer distribution by the Narcotic Bureau of the Treasury Department is likely to result from the easing of the supply situation. The bureau will channel the increased supplies into the market gradually that the market be not disturbed.

Quinine—It is learned that the Japanese cinchona bark plantations on the island of Formosa have been bombed out of existence by the B-29 U. S. army bombers. That's going to hurt the Japanese, both in the short and the long run. Once the Dutch plantations in the Netherlands East Indies are liberated, the Nips won't have bark to make quinine. That's the short run view. The long run view covers the Japanese loss of a cinchona project which they had expected would ultimately free them from buying bark from the Dutch. And they were mighty proud of the progress they had made in that direction. Thus have the national pride, business economy, and armed forces of the Nips been hurt.

Quicksilver — Spot quotations continued to recede. At a late hour last week, prices were around $138 to $143 per flask. The inside price was considerably lower than prices asked at the American mines where production certainly does not expand and where unsold stocks were said to be down to small quantities. And the government stockpile of 100,000 flasks remains—though the understanding is that it will be held off the market for at least two years after the war.

San Francisco, Aug. 1.—Scarcity of supplies continued to limit trading in the quicksilver market. Stocks here remained low. Little spot metal was being offered. Prices range between $142 and $144 per flask, f.o.b. San Francisco.

Sugar—The Secretary of Agriculture announced on July 26 that civilian distribution of sugar, particularly in Eastern areas where shortages are most acute, should be improved through a redistribution of 40,000 tons obtained through a reduction in military procurement. The redistribution will be during the period July through September.

Also, the secretary increased sugar subsidy support payments on 1946 beet and cane sugar, this to increase cultivation. He will also assist cane growers to get needed labor and machinery.

H.M. Hilton Joins Paul-Lewis Laboratories

Henry M. Hilton has joined the executive staff of the Paul-Lewis Laboratories, Inc., Milwaukee, Wis., Mr. Hilton was formerly associated with the Aluminum Company of America.

Clark Leaves Merck & Co. To Join R.H. Macy

Dr. Ralph W. Clark has been appointed department manager of the prescription department at R. H. Macy Company, New York, and corporate manager of pharmacy for all of the stores in the Macy group. Dr. Clark was formerly manager of the pharmacy service department of Merck & Co., manufacturing chemist, Rahway, N. J.

Chain Stores Ass'n Issues Phamphlet on Ethics Code

The National Association of Chain Drug Stores is distributing in pamphlet form its recently adopted code of ethics, together with its constitution and by-laws. Copies of the pamphlet may be obtained by writing the association at the Vanderbilt hotel, 4 Park avenue, New York.

Pacific Clay Products has acquired the clay products company of N. Clark & Sons of Alameda, Calif.

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Obituaries

Dr. Augustus Fiske

Dr. Augustus Fiske, retired chief chemist of the Rumford Chemical Works, Providence, R. I., died July 27 at his summer home at Cataumet on Cape Cod. He was sixty-five years of age.

Dr. Fiske, who retired from the Rumford organization five years ago, was credited with seventy-two chemical patents. He taught at Harvard University from 1912 to 1920.

Surviving are his second wife, three sons, and two daughters.

William L. Monro

William L. Monro, chairman and president of the American Window Glass Company, Pittsburgh, Pa., died July 27. He was seventy-eight years of age.

Mr. Munro was graduated from Harvard College in 1889, and entered the glass manufacturing business in 1901, when he organized the Pittsburgh Window Glass Company in Washington, Pa. He joined the American Window Glass Company as general manager in 1906, becoming president in 1919.

Surviving are two sons.

Raymond G. Noble

Raymond G. Noble, retired executive of the Union Carbide & Carbon Corporation, died in Whitfield, New Hampshire, July 31. He was seventy-one years of age.

Mr. Noble formerly was a member of the managers committee of Union Carbide and Carbon Corporation, and president of the National Carbon-Eveready S. A. (Monterrey, Mexico), and National Carbon-Argentina, Ltd. He had been a vice-president of the National Carbon Company Federation, Inc., U. S. A. (Shanghai, China), and Union Carbide Sales, and a director of the foreign department of all companies owned or controlled by the Union Carbide and Carbon Corporation, New York.

Paul Ruckgaber

Paul Ruckgaber, president of the Egyptian Lacquer Manufacturing Company, New York, died at Lake Mohonk, N. Y., July 29. He was seventy-four years of age.

Born in Brooklyn, Mr. Ruckgaber joined his father in the bank firm of Schultz & Ruckgaber, upon his graduation from Polytechnic Preparatory School. He left the banking business in 1920 to become president of the Egyptian Lacquer Manufacturing Company.

Surviving are a son, a daughter, two brothers and a sister.

Leonard A. Seltzer

Leonard A. Seltzer, Detroit retail druggist and honorary president of the American Pharmaceutical Association, died July 24. He was seventy-five years old.

Mr. Seltzer was widely known as a professional pharmacist. He was a graduate of the Michigan School and for a time he was in the laboratories of Parke, Davis & Co., and he went in the retail business in 1896. He was prominent in many A.Ph.A. activities, served on four U.S.P. and three N.F. revision committees, and was a member of the Michigan Board of Pharmacy some years ago. He had honorary degrees of master in pharmacy (Philadelphia), master of science (Michigan), and doctor of science (Wayne).

Arthur W. Wilkinson

Arthur William Wilkinson, former treasurer and general manager of Sterling Products Company, chemical manufacturer, Easton, Pa., and member on medical leave from the Chemicals Bureau of the War Production Board, died in New York, July 29. He was sixty-three years of age.

Mr. Wilkinson was born in Saco, Maine, and was a founder of the Sterling Products Company of which he was treasurer and general manager when he disposed of the greater part of his interest in the company in 1932 to Howard B. Bishop, president. The company was subsequently merged with Pennsylvania Salt Manufacturing Company, Philadelphia. Surviving are a daughter and three sons.

Mrs. Emily Cohn Wolff, wife of Harry W. Wolff, of the Wolff-Alport Chemical Corporation, Brooklyn, died August 1. Her husband and two daughters survive.

Mrs. Lilian M. Doerflinger, wife of William F. Doerflinger, vice-president of the Perry-Austen Chemical Company, New York, died last week. She was sixty-eight years of age.

Robert D. Hazzard, agent for American-La France Foamite Corporation, died in Yonkers, N. Y., July 27. He was sixty-eight years of age.

Elizabeth Ann Kemp, receptionist for the Sinclair Oil Corporation, New York, died July 31.

N.J. Pharmacy Board Names Powers Secretary

Wilbur E. Powers, of Trenton, who originally joined the staff of the New Jersey Board of Pharmacy in 1940 as assistant to the secretary, and who has held the office of assistant secretary during the past year, has been elected secretary. Mr. Powers holds a B.Sc. degree in chemical engineering from the University of Denver and a B.Sc. degree in pharmacy from the University of Michigan.

Cheplin Names Stubbe Production Manager

Cheplin Laboratories, Inc., has appointed Edmund T. Stubbe production manager of its West Taylor street plant in Syracuse, N. Y.

Mr. Stubbe, a native of New Jersey, is a graduate of Wharton School of the University of Pennsylvania, and comes to Cheplin with wide experience in the production field. He was for many years associated with a leading pharmaceutical house as production manager and assistant plant manager. For the three years Mr. Stubbe has been with the parent company, Bristol-Myers, as personnel and employment manager of its Hillside, N. J., plant.

Parke, Davis & Co. Names Johnson Baltimore Manager

W. L. Johnson has been named manager of the Baltimore division of Parke, Davis & Co., manufacturer of pharmaceuticals, Detroit. He succeeds Jones S. Davis, who recently resigned in order to engage in the wholesale drug business at Baton Rouge, La. Mr. Johnson has been associated with Parke, Davis & Co. for twenty-six years.

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Marks 25th Anniversary

Gordon S. Ziegler, general manager of G. S. Ziegler & Co., and a pioneer in the processing of asphalt and pitch products and micro-crystalline waxes, is celebrating his twenty-fifth anniversary in this business. A 1,000,000 pound order for wax was presented to him by his staff on the day of the anniversary. Originally a member of the old Lamson Asphalt & Chemical Company, which he joined in July of 1920, Mr. Ziegler in 1925 became one of the original founders and sales manager of the Allied Asphalt & Mineral Corporation. He became general manager of Allied Asphalt in 1935 and remained there until the end of 1943. He founded his own company January 1, 1944.

Petroleum Gas L-Order Spelled Out by WPB

OPD Washington Bureau

A direction spelling out the intention of Limitation Order L-86 covering deliveries of liquefied petroleum gas tanks by tank manufacturers has just been isued by the War Production Board to clear up some misunderstanding that had arisen over what constituted an "authorization" to deliver.

The direction points out that delivery means the transfer of physical possession of the tanks and states that no tank manufacturer may deliver any liquefied petroleum gas tank and no peron may accept delivery unless there has been submitted to the tank manufacturer both an original authorization and a certified purchase or delivery order or instruction covering the tank to be delivered.

This original authorization must be an approval by the WPB or the Petroleum Administration for War to accept delivery of and install a tank. Such approval must be evidenced by a Form WPB-809 revised, a Form GA-855, a written letter or telegram signed by an authorized official of the board of the PAC.

No preference rating unaccompanied by an original authorization may be deemed an authorization to deliver or accept delivery. After a purchase order is accepted by the tank manufacturer, he must endorse on the original authorization his name and the number of tanks to be delivered on the basis of the authorization which has been sent to him. He must then return the endorsed authorization to the purchaser who has ordered the tanks.

Monsanto Asks U.S. to Run Strike-Bound Plant

The Monsanto Chemical Company, St. Louis, has invited the Federal government to take over operation of its strikebound Monsanto, Ill., plant to insure production of vital war-needed chemicals for the army and navy. In a telegram to President Truman, the company said it was unable to keep the plant operating in the face of "flagrant union responsibility."

The plant has been closed down since July 26, when approximately forty-five pipefitters walked out in a jurisdictional dispute with the iron workers, and immediately established a picket line around the company's gates. Approximately 1,200 workers were thrown out of employment.

Tagul Laboratories, Inc., New York, has been formed with a capital of $3,000 in $100 shares. Subscribers are E. Schneider, **Bernard J. Brock, Henry** Pfeiffer.

Crosby to Build Plant in Louisiana

Crosby Naval Stores, Inc., Picayune, Miss., has been requested by the Chemical Division of the War Production Board to start immediately the construction of its wood naval stores plant at De Ridder, La., in order to help relieve the shortage of naval stores products. A high priority rating was issued by the WPB on July 24, 1945, for the construction of the plant. Expenditures amounting to $1,833,941 were authorized by the WPB for the construction of eleven steel and concrete buildings, equipment and 6,600 feet of plant railroad. The project is contemplated to be completed by March 31, 1946. Orders have already been placed for a large portion of the equipment.

The capacity of this plant will be approximately 150,000 520-pound drums of rosin annually, which combined with the Picayune plant will give Crosby a total annual capacity of approximately 135,200,000 pounds of wood rosin. All grades of wood rosin, pine oils and terpene solvents and chemicals will be produced.

Calco Names Naylor To Dyestuffs Dep't Post

James L. Naylor has been made assistant manager of the dyestuff department of the Calco Chemical Division of the American Cyanamid Company, Bound Brook, N. J. Mr. Naylor has been with Calco fifteen years, and for the past seven years has been manager of the Providence, R. I., district sales office.

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Recent Imports

—Continued from page 4

COBALT, WHITE—6,160 ingots, African Metal Corp
COCA LEAVES—129 bls, Maywood Chemical Works
COCHINEAL—100 bgs, Duncan Fox & Co
COCOA BEANS—100 bgs, 20,000 lbs, C M Loeb Rhoades Co
500 bgs, 100,000 lbs, Kennedy, Butcher & Co
100 bgs, 20,000 lbs, H W Peabody & Co
100 bgs, 20,000 lbs, Schwabach Co
100 bgs, 20,000 lbs, Little & Christman
100 bgs, 20,000 lbs, Willard Hawes & Co
1,000 bgs, 200,000 lbs, General Cocoa Co
100 bgs, 20,000 lbs, W Bartholomew & Co, Inc
100 bgs, 20,000 lbs, Ernest Adler & Co
13 bgs, 2,600 lbs, J Aron & Co
50 bgs, 10,000 lbs, Wessel, Kulenkampf & Co
CORK, VIRGIN—147 bls, Manufacturers Trust Co
WASTE—640 bls, Universal Transcontinental Corp
206 bls, Manufacturers Trust Co
CUBE POWDER—150 bgs
FISH LIVERS—100 bbls
FLAXSEED—6,908 bgs, 889,190 lbs, United States Commercial Co
(Bulk) 4,817,980 lbs, United States Commercial Co
GLUESTOCK—55 bls, First National Bank
350 bls, H Remis & Co
21 bls, J Gorves Co
GUM, CHICLE—125 cs, L Littlejohn & Co
114 cs, Earle & Co
COPAL—4,089 bgs, O G Innes Corp
929 bgs, Harrison & Crossfield
500 bgs, American Cyanamid & Chemical Corp
960 bgs, France, Campbell & Darling
101 bgs, J Meyer & Sons
1,500 bgs, U S Industrial Chemical Co
715 bgs, Balfour, Guthrie & Co
PERILLA—750 bgs, Chicle Development Co
HAIR, CATTLE—6 bls, Brown Bros-Harriman Co
CATTLE TAIL—1,062 cs, F H Cone & Co
JABORANDI LEAVES—25 bls, Inland Alkaloid Co
JUNIPER BERRIES—100 bgs, S B Penick & Co
KYANITE—100 tons, Golwynne Chemical Corp
MANGROVE BARK—600 bgs, Saxe Cutch Corp
EXTRACT—2,197 bgs, Tannin Product Export Co
MICA BLOCKS—423 cs, United States Commercial Co
SPLITTINGS—2,000 cs, United States Commercial Co
MINERAL SUBSTANCE—101 dms
OIL, BABASSU—281 dms, United States Commercial Co
CASTOR—246 dms, Bate Robinson & Co
CITRONELLA—27 dms, S B Penick & Co
14 dms, P R Dreyer
17 dms, Wessel, Duval & Co
82 dms, Norda Essential Oil & Chemical Co
11 dms, Geo Lueders & Co
CODLIVER—298 dms, E R Squibb & Sons
644 dms, Upjohn Co
500 dms, Eelsingh & Lugtigheid
350 dms, Arista Oil Products Co
500 dms, Peder Devold Oil Co
COTTONSEED—164 dms, United States Commercial Co
ESSENTIAL—2 cs, Eric Coupey
1 dm, Fritzsche Bros
2 dms, P R Dreyer
2 dms, Orbis Product Corp
GERANIUM—3 cks, Paul & Stein Bros
6 cks, Rohner, Gehrig & Co
3 cs, Rohner, Gehrig & Co
LAVENDER—11 cks, Tombarel Product Corp
6 cks, Geo Lueders & Co
2 cks, Manufacturers Trust Co
7 cks, Guaranty Trust Co
1 kg, Guaranty Trust Co
6 cs, Chase National Bank & Trust Co
17 cks, Chase National Bank & Trust Co
2 pkgs, Chase National Bank & Trust Co
1 ck, Perfumers Mfg Co
LAVENDIN—15 cks, Continental Bank & Trust Co
7 cks, Geo Lueders & Co
1 ck, Manufacturers Trust Co
OITICICA—1,940,400 lbs, Brazil Oiticica Co
25 dms, Enco Chemical Corp
135 dms, Wessel, Duval & Co
252 dms, Murray Oil Product Co
249 dms, A J Schwartz
PAPRIKA—100 bgs, 14,000 lbs, J Navarro
10 bgs, 1,400 lbs, H T French Co
10 bgs, 1,400 lbs, Van Loan & Co
100 bgs, 14,000 lbs, D M Hatton & Co
10 bgs, 1,400 lbs, A G Dunn
10 bgs, 1,400 lbs, Otto Gerdau Co
25 bgs, 3,500 lbs
QUEBRACHO EXTRACT—10,112 bgs, 1,213,440 lbs
RESIN—200 cs, H A Astlett & Co
200 cs, Herman Weber & Co
400 cs, L Littlejohn & Co
100 cs, Paul Bertuch Co
200 cs, L W Dumont & Co
SAFFRON—1 cs, Suares & Craspe
SAGE LEAVES—25 bls, Kachurin Drug Co
40 bls, Frank Tea & Spice Co
50 bls
SHELLAC—800 bgs, Gillespie-Rogers-Pyatt Co
250 bgs, Cornelis & Suhr
2,025 bgs, Mac Lac Co
328 bgs, Wm Diehl & Co
200 bgs, United Shellac Co
100 bgs, Schwab Bros Corp
120 cs, Wm Zinsser & Co
BUTTONLAC—50 bgs, Cornelis & Suhr
102 bgs, Gillespie-Rogers-Pyatt Co
100 bgs, Schwab Bros Corp
GARNETLAC—200 bgs, Wm Zinsser & Co
SEEDLAC—290 bgs, Gillespie-Rogers-Pyatt Co
63 bgs, Wm Diehl & Co
450 bgs, Cornelis & Suhr
250 bgs, Mac Lac Co
100 bgs, Schwab Bros Corp
TAPIOCA FLOUR—2,166 bgs, 303,240 lbs, United States Commercial Co
1,667 bgs, 233,380 lbs, Sino Java Handelsvereenigung
1,667 bgs, 233,380 lbs, H S Cramer & Co
TEAWASTE—422 bgs, Citro Chemical Co
THYME LEAVES—45 bls, S Montaner
TUCUM KERNELS—11,845 bgs, 1,184,500 lbs, Durkee Famous Foods
9,078 bgs, 907,800 lbs, E F Drew & Co
2,308 bgs, 230,800 lbs, J H Redding
WAX, BEES—240 blocks, L Luzzatto
128 blocks, Innis, Speiden & Co
CARNAUBA—1,842 bgs, Fred Henjes, jr
1,036 bgs, Marine Midland Trust Co
746 bgs, Baird Rubber & Trading Co
1,779 bgs, S C Johnson & Son
906 bgs, American Cyanamid & Chemical Corp
185 bgs, Strahl & Pitsch
409 bgs, Enco Chemical Corp
123 bgs, Cornelius Product Co
38 bgs, Wessel, Duval & Co
252 bgs, National Products Co
275 bgs, Innis, Speiden & Co
125 bgs, W R Grace & Co
125 bgs, Wm M Allison & Co
188 bgs, Mercantile Metal & Ores Corp
88 bgs, McArthur Chemical Co
625 bgs, Boyle Midway Co

Thermosetting Plastics Outlook Reviewed

OPD Washington Bureau

Complete liberization of controls of thermosetting plastics would not be practicable for several months to come, members of the Thermosetting Plastics Processors and the newly formed Thermosetting Resin Manufacturers Industry Advisory Committees said at a recent joint meeting, the War Production Board has reported.

Although industry is willing to assume the responsibility of peacetime trade practices, committee members said, the fact that almost the entire output of the industry at the present time is required for the military greatly limits the amount of production for civilian use that can be undertaken. WPB representatives said that conditions in the industry are expected to improve because of expected additional military cutbacks.

Barring unforeseen developments, WPB said, allocations of phenol, formaldehyde and other chemicals required for phenolic and urea resins will continue on the current level. If the supplies of chemicals improve, additional quantities might be made avaliable to the industry from time to time.

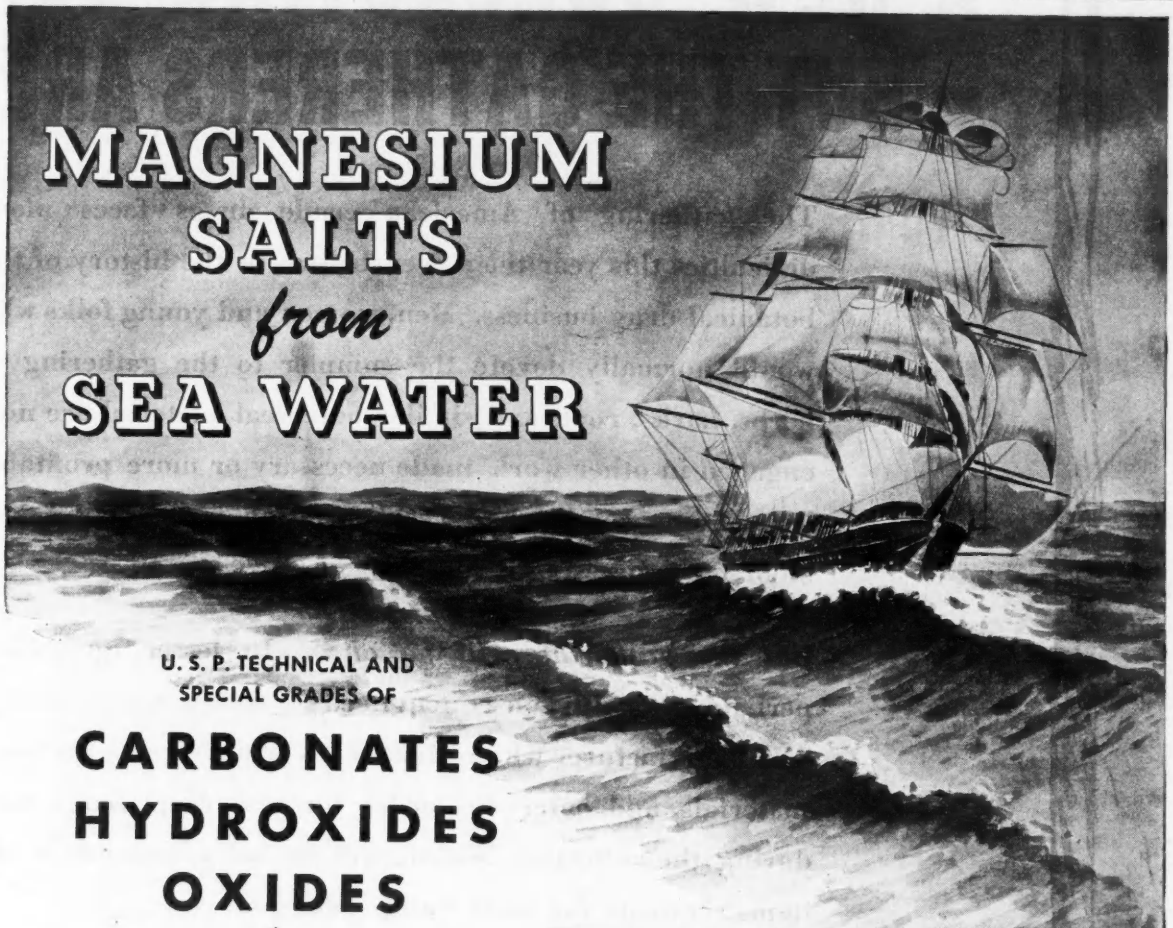
A review of past and present production and use of phenol and formaldehyde was given the committees by WPB. Annual production of phenol in 1941 was slightly under 100 000,000 pounds, compared with the current production of over 200,000,000 pounds per year. Total formaldehyde production in 1941 was approximately 240,000,000 pounds a year, compared with the current annual production of 600,000,000 pounds. In 1941, phenolic resins absorbed approximately 50 percent of the total phenol production, which is about the same percentage of total production now required for phenolic resins. In 1941, as well as at current production rates, phenolic and urea resin manufacturers require approximately 45 percent of the total formaldehyde output.

Within the next 60 days, there will probably be a partial release of control of phenolic resins, WPB said.

A general decline in military demands for phenolic molding compounds has been noticeable during the past three months, WPB said. Military requirements now amount to approximately 50 percent of total monthly production, and further cuts are anticipated. A backlog of military orders on hand, and labor shortages, prevent any increased availablity of phenolic molding compounds for August. Increased quantities of phenolic cast resins have been allocated in blanket quantities for civilian purposes, WPB said.

Nuodex 'Touch Controllers' Are Now Available

Harold M. Johnson, vice-president in charge of sales for the Nuodex Products Company, Elizabeth, N. J., has announced that several "touch controllers" have been made up for display purposes at local meetings of the Federation of the Paint and Varnish Production Clubs. The "touch controller," a new instrument designed to measure accurately the tack-free time of protective coatings, is described in the Nuodex bulletin, "The Laboratory Determination of Drying." Secretaries of local production clubs may secure one of these instruments by getting in touch with the nearest Nuodex representative.



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A NEW COLLECTING SEASON —BUT THE GATHERERS ARE FEW

The gathering of American crude drugs faces more difficulties this year than ever before in the history of the botanical drug business. Men, women and young folks who would normally devote the summer to the gathering of herbs, barks, roots and similar botanical material are now engaged in other work made necessary or more profitable by wartime conditions. Transportation is hampered, and labor for processing is scarce.

But the gathering will go on **. . . In lesser quantities, perhaps, and with consequent need for long-range planning. The manufacturer who estimates his requirements for basic materials, and enters his order for new crop drugs now, during the collecting season, will be most assured of the items requisite for early Fall production.**

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

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Botanical Drugs, Spices, Gums

Price undertones in the market for botanical items proved generally on the firm side last week. Changes were few in number and were rarely wide in extent. Costs in the country act as a brake on much movement of local values in the direction of the consumer and on the basis of current offerings from the domestic primary market, values in the contury seem likely to be maintained well.

During the past week a price list received from a middlewestern operator serves as illustration of the exceptionally small quantities such sellers are able to offer at this time. The list follows:—

	Pounds.
Black cohosh	300
Butterfly root	100
Corn smut	200
Golden seal herb	500
Ladyslipper	100
Life Everlasting	50
Mandrake	3,000
Peppermint herb	300
Pinkroot	600
Solomon seal	100
Wahoo root bark	500
Wild yam	300

News concerning the European crude drug situation was all bad. One of the bars to restoration of trade is the almost total absence of the means for transmitting either funds or goods. Prices are being received but they mean little in terms of goods actually capable of being shipped to America.

Despite the failure of importers to reopen trade with European centers, and regardless of the far from satisfactory results in new crop collection of domestic drugs, manufacturing consumers are mighty slow in making known their requirements on a basis which will permit dealers actually to buy needed items as they become available. Few dealers will buy solely for stock purposes alone and the consumer who shall depend on dealers to have goods on hand if and when the consumer needs them are apt to encounter bitter disappointment.

Goods can be bought in the primary market. Consumers are being urged to make known their wants at once, indicating what they want to pay and how much they will take. To do just that can mean the difference between having raw materials when they are needed and finding them unobtainable at any price later on.

Balsams

Copaiba—Importation of 49 drums reported in an exceptionally firm and fairly active market.

Fir—Canadian balsam was lower at $16 to $16.50 per gallon and the market showed a steadying tendency following the reduction. Replacement cost suggested a probable end to the recent downward movement in spot quotations.

Peru—Better demand plus a lessening of available supplies resulted in prices rising to the basis of $1.30 to $1.35 per pound toward the close of last week.

Barks

Black Haw—Although demand was not very active, the market retained strength as its main characteristic, this because of the very firm position prevailing in the primary market where collections are not too plentiful at this time.

Cascara—Prices have been advanced to 40c. to 41c. per pound. This rise has been forced on dealers by a combination of primary market events. When the peeling season began, peelers were offered the same price as last year. They were not interested. The price was then advanced successively until it reached a level 8c. over that paid in 1944 and fully 5c. higher than the highest price ever paid. Despite this, the outlook for the 1945 crop is about 60 percent or a normal peel and the peeling season is now at least two-thirds over. To the reduced size of the peel must be added buying on lend-lease by governmental agencies, plus the probable reentry into the market of pharmaceutical houses who, last year, held aloof. There are some large pharmaceutical companies who have about a year's supply of aged bark but many others are not so well placed.

A Canadian report says that the new crop there will not amount to more than 50 percent of that of last year. The government there has banned all exports until Canadian needs are covered. Some already granted export permits have been revoked. It appears unlikely to Canadians that bark will move to the United States this year.

Market Trends

Prices Advanced

Drugs

Cascara bark, 8c. per lb.
Peru balsam, 5c. per lb.
Scammony root, 1c. per lb.

Other Articles

Turmeric root, ½c. per lb.

Prices Reduced

Drugs

Fir balsam, Canada, 50c. per gal.
Larkspur seed, 25c. per lb.
Pinkroot, 15c. per lb.
Tragacanth gum, ribbon, 10c. per lb.

Other Articles

Clove, Madagascar, ½c. per lb.
futures, ¼c. per lb.
Coriander seed, Argentine, ¼c. per lb.
Morocco, ¼c. per lb.
Ginger, Cochin, unbleached, ¾c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
234.1	233.5	227.0	252.2

Beans

Vanilla—There was a steady outmovement of beans from sellers who have anything left unsold and still in warehouse. Also, it was said that transactions in futures have not been lacking. Stocks are exceptionally light in most directions, and many dealers have commitments against which deliveries are still impossible. Prices were uniformly firm.

Berries

Juniper—The Foreign Economic Administration announced on July 31 that that the Consorzio Agrario Provinziale of Florence, Italy, which is the organization dealing in juniper berries, would like to establish direct communication with importers in the United States in order to discuss with them matters pertaining to quality, handling, and packaging. Interested importers should write or cable direct, giving details of their requirements. Importations of berries amounted to 100 bags last week from Spain.

Raspberries—Prices very firm at all points and stocks available at the primary market were less than some had expected. Little competition prevailed in local circles. Also, little stock was unsold.

Flowers

Arnica—Despite the fact that stocks should be showing an increase as the result of new crop activities, the available supplies remain on the tight side on spot, and quotations were far firmer than current demand might indicate.

Calendula—Prices remain firm. New crop values are well maintained on the Pacific Coast but apparently local dealers have yet to be stirred to much buying activity. They have in mind prices at which flowers formerly were bought abroad and the possibility of replacing supplies in that direction.

Lavender—Flowers can be shipped from Portugal and Spain but apparently nothing can be moved from France, which country, after all, is the premier primary market and which, incidently, has been liberated for many months without restoring its lavender flower exports.

Gums

Aloe—Curacao gum was advanced again, reaching the level of 44c. to 45c. per pound as demand took liberally of supply and replacement costs warranted a higher level of quotations.

Arabic — The decline has been checked, apparently. It seems probable that values in the Sudan preclude spot quotations going much under 11½c. per pound and what appear to be price floors at the source will not be lowered unless there shall be a

For Current prices see alphabetical listing beginning on page 9

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OF HOPKINS' ANALYZED HIGH-STANDARD
CRUDE DRUGS

OPD—8-6-1945 67

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ALTHEA ROOT
ANISE SEED
BELLADONNA LEAVES AND ROOT
BOLDO LEAVES
BORRAGE FLOWERS
BUCHU LEAVES
CARAWAY SEED
CELERY SEED
CHAMOMILE FLOWERS
COCILLANA BARK
COLOCYNTH PULP
COLOMBO ROOT
CUDBEAR
ERGOT OF RYE
FENNEL SEED, INDIAN
FOENUGREEK SEED
GENTIAN ROOT
GINGER, JAMAICA
GRAINS OF PARADISE
HAWTHORNE BERRIES, ENGLISH
HERBE MENTHE-PEPPER
HOREHOUND HERB
IRISH MOSS
JUNIPER BERRIES
KAMALA POWDER
LAVENDER FLOWERS
LINDEN FLOWERS
NUX VOMICA
ORRIS ROOT
PSYLLIUM SEED
QUINCE SEED
RHUBARB ROOT
ROSEMARY LEAVES
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DILL SEED, Indian
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LINDEN FLOWERS, with Leaves
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reduction in expenses internal to the primary market.

Sandarac—It was reported that a quantity of gum has arrived at a United States port and is in transfer to the spot. Numerous former dealers indicated their inability to get goods started here from Morocco.

Herbs and Leaves

Henbane—Dealers believe prices will be lower in the future but at the moment values appear to be very firm since few have more than limited quantities to sell at this time.

Jaborandi—A second lot of these leaves arrived from its South American primary market. The total this time was 25 bales but the merchandise goes direct to a manufacturing consumer. This leaves stocks still light in the hands of local dealers.

Thyme — Spanish thyme arrived from the primary market last week, the total import being 45 bales. The goods came to the market without adverse effect on prices generally reported steady during the period under review.

Wormwood—Some think that even though collections remain moderate, prices may work down slightly. They would probably become attractive if importation from Europe should be restored.

Miscellaneous

Grains of Paradise—Future arrivals were offered cheaper at 22½c. per pound. Spot goods continued at levels substantially higher than the present replacement costs, but the goods in hand cost much more than the current shipment prices.

Lycopodium—Although no lower in price, the market was still subject to considerable competition. It is believed that low prices will result in a lessening of domestic collection this year and it is far from certain that Poland or Russia will resume exports at an early date.

Manna—There may be manna in Italy, but so far as this market is concerned it don't mean a thing. Stocks were cleared many moons ago and all attempts to get goods shipped from Italy have been abortive thus far.

Roots

Ladyslipper—Prices named in the primary market were very high and the only offering made from there last week was a bare 100 pounds.

Mandrake—Some prices in the country equal those asked for spot goods. Dealers here think there will be sufficient root to meet all essential requirements at fairly stable prices this year.

Pink—Spot prices were reduced to $1.10 to $1.15 per pound last week. During the period, one primary market source offered 600 pounds at relatively reasonable prices.

Scammony—Qutations were slightly higher at 9c. to 10c. per pound and the supply was moderate in size. Little demand was current during the period reviewed. The source offers little.

Turmeric—Prices for Alleppey root were a fraction higher at 10½c. to 11c. per pound, which is understood to be the ceiling. One large importer confined sales to goods in ground form, because of difficulties arising from a low individual ceiling on whole root.

Seeds

Cardamom — Decorticated seed was lower at 63c. to 64c. per pound. Green was steadier following the reduction in the previous week.

Celery—The rise has been checked and demand failed to be much of a support to the market as quoted at 25c. to 25½c. per pound.

Coriander — Morocco seed on spot was a fraction lower at 10½c. to 11c. per pound following the arrival of goods formerly offered to arrive on basis. Argentine seed also reacted, becoming 9¾c. to 10¼c. per pound.

Dill—Dewiskered material was down to 9¼c. to 10¼c. per pound. Decorticated held without quotable change. No natural seed was offered.

Larkspur—Slight improvement in available supplies brought the spot market down to $1.75 to $2 per pound.

Poppy—Argentine blue poppy seed was available at 80c. to 85c. per pound. No other varieties were available.

—*Continued on page 74*

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The Judge's Vase

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Prisons meant prisoners. And prisoners spread prison fever. To protect His Lordship, herbs on the bench were required by law to prevent infection. The prophylactic herbs have become flowers which are now part of the ceremony traditional for convening of British Assizes courts held in every county in England.

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CRUDE BOTANICAL DRUGS From Forty Nations

Essential Oils, Other Aromatics

It may be recalled that, during the previous week, reports suggested that (1) the army had dropped lemon powder from K rations; (2) that orange and grapefruit powders would take its place; and (3) that the shift from lemon to orange might result in a shortage of orange oil comparable with that afflicting civilian consumers almost throughout the war.

Word from Washington says that, according to the army, it has made no change in its K ration contents and that it is still using lemon powder. However, another source, says that the army has considered doing away with lemon powder in K ration but that the army is going to continue buying lemon powder but in a package of larger size. Also, WFA has received no intimation that the army requirements for lemon powder will be reduced.

Well, that's that, though the final chapter may read differently. Meanwhile, the price of Brazilian orange oil eased slightly on spot, while that for Italian bergamot performed the expected advance. Distilled ginger oil was also lower, a clear reflection of the fact that raw material is declining under the pressure of competition.

Another feature in the market was the arrival of lavandin and lavender oils, in company with some geranium oil—all from Oran, Algiers. Thus does the trend toward a restoration of spot stocks of French oils made progress. It was not impossible that the lavandin oils originated in France and were transshipped for America at Oran.

The situation in aromatic chemicals was quite as unsatisfactory as ever. So far as secondary distributors were concerned, there were practically no stocks avilable and all such sellers called both prices and market nominal. In the case of actual producers, they have some output of practically every aromatic chemical normally made in this country but every pound of production is spoken for before it is effected—a fact which accounts for the lack of supplies for open market trading.

Market Trends

Prices Advanced

Bergamot, $1 per lb.

Prices Reduced

Ginger, 50c. per lb.
Orange, Brazilian, 10c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
233.3	230.7	228.0	262.6

Essential Oils

Almond—Limited supplies of Spanish distilled oil are available but firm prices have yet to issue. Expressed oil was steady despite the lack of substantial demand.

Anise—Imitation of natural oil continued in good request. Excellent products that closely approach the natural oil are numerous and some producers thereof expect that they will continue to find a market for them even after natural oil again is exported from China. During the week another step toward that end was taken when Chinese troops liberated Kweilin, capital of Kwangsi province.

Bergamot—Italian oil was higher at $11 to $12 per pound and the tendency was for all sellers to adopt $12 as a minimum figure. The oil now being sold cost the importers $1 per pound more than was paid for the first lot sent here by the army.

Bois de Rose—The spot dealers are starving so far as a supply of this oil is concerned and an empty market seems likely to continue for some time to come. And when oil shall arrive most of it will already be owned by manufacturing consumers.

Caraway—Small stocks kept sales low. Many have none at all and the few with a limited holding, ration it carefully to regular customers. The position of raw material does not forecast an early increase in seed for distillation. However, Canada has begun to offer new crop and it is probable that contracts have been placed north of the bounary.

Cassia—Laboratory skills have developed some reasonably satisfactory substitutes for natural oil of cassia which has been absent from local warehouses for years. The imitation products sell in excellent volume and exceptional steadiness.

Celery—Something has stopped the rise in prices for raw material. Last week it appeared to be holding at the peak price reached during the recently sustained rise. Oil prices show added firmness and some quarters have a disposition to raise them.

Citronella—Arrivals of oil from Ceylon last week totaled 151 drums, goods which naturally attract the attention of the customs agents recently of the idea that since some petroleum or fatty oils have been present in the citronella reaching here, such importations should carry a duty as a compound instead of entering duty free. If that idea holds dealers will find their imports much higher. Meanwhile, there is not much released oil in the open market and its owners have exceptionally strong views on the value thereof.

Eucalytus—Though some primary markets other than Australia are available, not much oil manages to reach these shores and hence the stocks of most dealers are practically nil so far as open market trading is concerned. With war concentrated now in the Fareast, it seems hardly likely that shipping space for the movement of oil from Australia would be readily obtainable, even if the Aussies should permit a resumption of normal export business.

Geranium—The arrival of 12 casks of French North African oil was a notable event. The goods came from Oran in Algiers and reached a market that can absorb a substantial amount of merchandise. Quoted prices started out at $15.73 to $16 per pound but sellers felt normal relative values were subject to early restoration.

Ginger—Recent declines in raw material prices and the clear evidence of weakness developed by competition has resulted in the price for distilled oil being revised downward to the basis of $17.50 to $19 per pound, the range covering variance in sellers' price views.

Grapefruit—It seems probable that the army program that supplies powders to make drinks with an ascorbic acid content will cut into available supplies of grapefruit oil.

Lavandin — Restoration of prices seems likely since 23 casks of this oil arrived last week from Oran, Algeria. It would seem that this might be a transhipment of oil originating in France, though there is nothing definite in that respect.

Lavender—Stocks of new oil are slowly building up in this market. During the past week 53 packages variously described at casks, cases, and kegs arrived here. The goods came from Oran, Algiers, but it is not impossible that the shipment originated in France. Direct shipments from Marseilles to the United States are infrequent, if made at all. A wider range in quality of oil is a reasonable prospect for the future.

Lemon—If information stemming from the army in Washington be correct, the army has made no change in its K ration contents and it is still using lemon powder; also, orange and other ascorbic acid containing materials. Another source, however, says that while the army has considered doing away with lemon powders in K rations, it is going to continue buying but in larger sized packages. Army requirements for lemon powder are apparently unchanged and WFA has received no intimation that they will be reduced. This can mean that civilian users of lemon oil will get just as much oil as ever—which is practically nothing. Farewell to arms in Europe evidently does not also mean farewell to lemon powder in K rations.

Orange—The paragraph next above tells the story concerning the possibility of the army switching from lemon powder to orange powder in K rations. Temporarily, at least the danger of an acute shortage in orange oil similar to that prevailing for months in lemon oil, remains merely potential. However, the army does say it is packing orange powders in K ra-

For Current prices see alphabetical listing beginning on page 9.

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tions. Spot prices on Brazilian oil were lower at $1.40 to $1.50 per pound.

Aromatic Chemicals

Geranyl Acetate—Production in 1943 totaled 13,315 pounds, which compares with 28,150 pounds in 1940, and 9,455 pounds in 1938. Sales in 1943 totaled 14,637 pounds, which compares with 26,396 pounds in 1940, and 7,019 pounds in 1938. Authority, U. S. Tariff Commission.

Ionone—Production in 1943 totaled 10,977 pounds, which compares with 95,870 pounds in 1942; 82,568 pounds in 1940, and 41,448 pounds in 1938. Sales in 1943 totaled 11,630 pounds, which compares with 53,208 pounds in 1942; 74,739 pounds in 1940, and 36,962 pounds in 1938. Authority, U. S. Tariff Commission

Linalyl Acetate—Production in 1943 totaled 44,874 pounds, which compares with 53,854 pounds in 1942; 24,248 pounds in 1940, and 497 pounds in 1938. Sales in 1943 totaled 43,425 pounds, which compared with 44,320 pounds in 1942, 21,017 pounds in 1940, and 696 pounds in 1938. Authority, U. S. Tariff Commission.

Quicksilver Deposits In Alaska Discussed

A preliminary report on some of the quicksilver deposits in southwestern Alaska has been prepared by the Geological Survey. Copies of the report may be obtained upon application to the director, Geological Survey, Washington 25, D. C.

Boston BIMS Golf

Prize winners at the July 19 golf tournament of the BIMS of Boston were:—R. P. Robison, of the U. S. Print & Lithograph Company; Sewell Cockran, of the Rowell Paper Box Company, and M. E. Nourse, of Howe & French, Inc. BIMS of Boston is a social organization of buyers, importers, manufacturers and salesmen. M. J. Niles, of Fritzsche Brothers, Inc., is chairman of the executive committee.

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Petroleum Derivatives

Impelled by the clamorous demands of the armed forces engaged in the intensified attacks on Japan for gigantic quantities of fuel oil and the liquefied petroleum gases used in the making of high-octane gasoline, the Petroleum Administration for War and other Government agencies in charge of regulating the petroleum industry are exerting themselves to the utmost in offering incentives to the American producers to swell their output of the oilfields to unprecedentedly huge proportions. Although still deeming it inexpedient to grant a uniform price markup of 35 cents or more per barrel for crude oil in all the fields, the Office of Price Administration has repeatedly authorized the lifting of price ceilings for all crude oil produced by stripper wells and even by wells in newly opened pools, wherein the cost of production is higher than in neighboring older and better established fields while PAW has relaxed hitherto existing restrictions on the drilling of new wells in California, where the pressing needs of the war in the Pacific are calling for an acceleration of production and has released large amounts of the materials required in new drilling operations in Texas and other regions in the Southwest.

While the most pronounced shortages have developed in civilian supplies of fuel oil and the lighter hydrocarbons such as butane and propane, there is also an acute pinch in kerosene and some of the lubricating oils.

A sale of relatively small lots of surplus petroleum products has been arranged by the Surplus Property Board, to be conducted by the Reconstruction Finance Corporation, which is to dispose of these goods on August 15. The offerings include lubricating oils and greases, hydraulic fluids, quenching oils, shock absorber fluids, grinding and cutting compounds, ice preventive oil, floor oil, reclaiming oil, sealer wax, graphite flakes, rust preventive, and fuller's earth. This sale will be conducted on the basis of informal written offers, with the product in each instance to go to the highest bidder, and with RFC reserving the right to reject any offer or withdraw any item from the sales list. A catalogue or listing of the offerings, designated as W-PP-2, can be obtained by writing to the nearest regional office of RFC.

Solvents and Diluents

Aromatic Solvents—Further cutbacks in the requirements and takings of petroleum xylol by the armed forces has permitted such a buildup of xylol stocks as to suggest an impending release of that material from allocation control and also a notable modification if not a complete lifting within the near future of existing restrictions on purchases of both Class A and Class B types of the high-solvency aromatic naphthas. Movement of these solvents, meanwhile, has tapered off seasonally.

Cleaners' Naphtha—Continues in keen demand, with takings of the military only slightly outstripping those on civilian account.

Lacquer Diluent—Moving steadily into consuming channels in the paint industry, with the procurements of those engaged in war work running well ahead of those engaged in civilian enduse production.

Mineral Spirit—Buying interest continues brisk on all scores.

Rubber Solvent—Manufacturers of synthetic rubber are still taking up virtually all stocks, and current production of this solvent, although the volume of buying from a few of these interests has been somewhat diminished by shutdowns at some of their plants, due to labor strikes.

Stoddard Solvent — The buying movement in this solvent continues very active, with military dry cleaning interests obtaining the bulk of the offerings but with civilian interests also well represented.

V. M. & P. Naphtha — Although the bulk of the buying in this solvent is still for account of those paint and varnish makers engaged in war production, there is still a moderate consumption by those engaged in civilian work.

Market Trends

Prices Advanced

None

Prices Reduced

None

Markets at Other Centers

Chicago, Aug. 3.—The call for petroleum solvents in this area continues brisk in virtually all directions. Paint industry requirements are still running high. Cleaner takings are at a substantial rate. Rubber industry needs appear to be continuing to expand.

Los Angeles, Aug. 3.—Conditions in the petroleum solvents and thinners market are generally steady on the Pacific coast, with the demand well ahead of production. No new features are noted.

Lighter Fractions

Butane—In reply to repeated attempts on the part of home consumers of this liquefied petroleum solvent, to obtain more liberal allowances thereof as well as of propane, the Deputy Petroleum Administrator has announced that wartime restrictions on the use of these two light hydrocarbons cannot be relaxed, although the ration restrictions on the stove apparatuses in which they are commonly employed for such cooking and heating purposes have already been removed. Further PAW has stated that the supply of these gases will be as tight, if not tighter, this coming Winter as it was last Winter. Meanwhile, the call for butane as an important ingredient in the manufacture of aviation gasoline and synthetic rubber continues to reach huge proportions.

Heptane—Continues in steadily increasing demand.

Hexane—Still moving in growing volume into both military and civilian consuming channels.

Octanes—Being bought in sizable quantities for military account, with a fair amount also going to civilian users.

Pentanes — Although military takings are still accounting for the bulk of the absorption of this gas, a moderate portion of its available supply is also being procured for civilian account.

Propane—In view of the unabatedly huge requirements of the military establishment in this liquefied petroleum gas, for the fortifying of high-octane gasoline and the making of synthetic rubber, PAW has notified private consumers that there will be no relaxation of the wartime restrictions on its industrial use in the heat treatment of metals, manufacturing of glass and other special purposes.

Petrolatums and Waxes

Microcrystalline Waxes—Under the leadership of the standard process types, these waxes continue to move into consuming channels, at well-maintained prices.

Paraffin — In view of the recent heavy cutback in military requirements for chlorinated paraffins, which have just been released from allocation control, it has been deemed unnecessary to continue paraffin wax itself under strict allocation control. Hence this wax has been transferred from the provisions of schedule 108 of the general chemicals order M-300 to the preference order regulation M-340, which, while assuring the meeting of military and other essential requirements by providing for the filling of rated orders first, leaves some of this material for equitable distribution among unrated consumers.

Petrolatums—A steady movement of U.S.P. and technical grades of petroleum jelly continuees to be noted, together with a slightly smaller sale of the veterinarian grade.

White Mineral Oils — Continue in moderately brisk demand, with prices of both U.S.P. and technical types well maintained by both the leading producers and other suppliers.

Fuels and Lubricants

[illegible] — By an amendment to WPB's order M-384, the quota of lead available for the making of tetraethyl of lead-treated gasoline has been liberalized for the third quarter of this year by the removal of all restrictions.

Nationwide stocks of gasoline have shown a substantial increase for the week ended July 28, showing on that date supplies of the civilian grade as having been amplified by 24,000 barrels to 46,277,000 barrels, as compared with 44,308,000 barrels for the corresponding week of last year, while military and other grades have exhibited an increase for the same week of 54,000 barrels to 39,741,000 barrels, against 36,988,000 barrels at the corresponding weekend a year ago.

For Current prices see alphabetical listing beginning on page 9.

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FMC

MID YEAR STOCK LIST

Published in 5 Sections
This is Section No. 4

ROLL MILLS

1 Three roll Mill, 9"x15' corrugated 8845
1 Schutz O'Neill Roll Granulator Mill, 9"x18".....7283
1 Granite Mill, three roll, 7"x16" 8845F
1 Kent Lab. 3 Roll Water Cooled Mill, 4"x8"; motorized.....715/M2
2 Kent 3 Roll Water Cooled Mills, 12"x30" .....Va.-Mich.
1 Vertical 2 roll Water Cooled Mill, 14"x30".....N. J.
2 Day 3 roll Water Cooled Mills, P.D. .....Ill.
1 Corrugated 2 Roll Mill, 10x28" P.D. .....N. Y.
1 Sprout-Waldron, two Pair double Roll Mill, 9"x24".....N. C.

MIXERS

7 Day, Triumph, Peerless, Ross Dough or Mass Mixers, 1 to 6 bbls. .....N. Y.
1 W. & P. Baker Perkins 250 gal. Double Fishtail Blades.....9090
1 Broughton Double Arm Mixer 4'6"x4'2' 8851
2 J. H. Day 175 gal. Jacketed Mixers; cross paddle type.....9137
3 Heavy Duty Jktd. Barber Mixers 50 cu. ft. asphalt, similar materials 7864
1 Fowler and Rockwell 3 bbl. water jacketed mixer.....4595
15 New FMC Dry Powder Mixers, ribbon spiral type, 300 to 3,000 lbs. .....Series 100
2 J. H. Day 100 lb. Sifters and Mixers 149
1 Day 3000 lb. Jacketed Ribbon Spiral Type Mixer.....Ohio
1 Sprout Waldron Vertical Powder Mixer 4'x10', 3000 lb.....N. Y.
8 New FMC Tumbling Type Batch Mixers, 2 cu. ft. to 80 cu. ft. Series 200
6 Ross and Day 15 gal. Pony Mixers .....N. Y.
2 Stokes Granulating Mixers No. 21; P.D.....502/572
1 Stokes Mass Mixer; 30"x40"x66" 357/U4
1 Day Water Jktd. Tilting Mixer; 26"x28"x38" 357/U6
1 Hottman Meat Mixer Model No. "C," 26"x23½"x56".....584
1 J. H. Day 1000 lb. D10 Ribbon Type Dry Mixer.....600
4 Baker-Perkins Ribbon Type Powder Mixers; 28x37"x60".....Ohio
2 Steel Jacketed Mixers; 3 shafts with spikes; 45"x40"x22½".....Conn.
1 Petri-Jones Steel Jktd. Tilting mixer; 34"x40"x50"; tilting; 15 H.P. .....Mass.
2 Century and Reid 80 qt. Cake Mixers; 3 and 4 speed.....N. Y.
1 Battery of Twin 100 gal. Lead Mixers; P.D.....Ohio
1 Battery of Twin 50 gal. Lead Mixers; P.D.....Conn.
1 Battery of Kent 60 gal. Semi Paste Mixers; 30"x30" P.D....N. Y.
1 Battery of 6 J. H. Day 50 gal. Paste Mixers; 24"x29"; P.D....N. Y.
1 Rotary Drum Mixer; 290 cu. ft. 6'x10'; 7½ H.P. motor.....N. Y.

PACKAGING EQUIPMENT

1 Complete Redington Packaging Installation, adjustable.....N. Y.
1 Package Machine Co. Cube Wrapper with conveyor; 9-16"..9016
1 Johnson Automatic Wax Wrapper with heat sealer.....9614
1 Package Mach. Co. Cellophane Wrapper for small packages....5143
5 Anderson Packagers for Cylinder like Tootsie Rolls.....N. J.
2 Package Machinery Corp. Model F5 Glassine Wrappers.....N. J.
1 Triangle Model G25 for free flowing materials up to 5 lb....N. Y.
1 Stokes & Smith Tight Wrap Model 106.....Ohio
1 Package Machinery Corp. Soap Cake Wrapper Type N4.....Mass.
2 Ceco Aut. Carton Gluers and Sealers; min. 2"x1"x4"; max. 3½"x5"x½" .....N. Y.
2 Miller highly adjustable semi-aut. cellophane and wax wrappers 272
1 Standard Knapp Aut. Gluer and Sealer for Extra large Cases....Pa.
1 Battle Creek Aut. Carton Gluer and Sealer; min. 1¾"x1¼"x3", max. 2"x4"x6".....N. Y.
1 Ideal Caramel Wrapper; slightly adjustable .....Mass.
2 Hayssen Waxpaper or Cellophane Wrappers with electric eye....Mass.

Many Other Packaging Units Available —Please State Your Problem.

Complete List Available
IN NEW ISSUE OF FIRST FACTS. Send for it.

FMC Supplies the following
NEW EQUIPMENT:

FMC Stainless Kettles, Tanks, Vacuum Pans.
FMC Portable Agitators.
FMC Rotary and Centrifugal Pumps.
FMC Conveyor, FMC Stackers.
FMC Syphon and Vacuum Fillers.
FMC Steel Batch Mixers.
FMC Rugged Hammer Mills.

FIRST MACHINERY CORP.
EAST 9th STREET AND EAST RIVER DRIVE
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All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction.

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We are desirous of obtaining the agency for several select lines of solvents, oils, and chemicals used by the paint industry. We offer: Central location in the San Francisco area for effective west coast distribution; trained technical sales force; bulk liquid and warehouse facilities; sixty-five years of continuous service to the paint industry. If you want an aggressive technical sales organization to merchandise your product on the Pacific Coast, we invite your correspondence. OPD 151.

Established Cincinnati firm would be interested in representing producers of raw materials used in the paint, ink, rubber, soap and other industries. OPD 181.

EQUIPMENT WANTED

New York City paint manufacturer wants to buy chrome manganese ball mill—capacity—approximately 200 gallons. Individual electric drive preferred. Write full particulars, stating price to OPD 177.

FACTORIES WANTED

Principals want to buy for cash small well equipped paint factory, with or without varnish fires, in Brooklyn or Queens. OPD 180.

MATERIALS OFFERED

For Sale—19,000 pounds calcium phenol sulfonate (Dow); 8,000 pounds copper arsenite (Mallinckrodt). All products are in first-class condition, offered subject to prior sale. If interested, inquire Bonewitz Chemicals, Inc., Burlington, Iowa.

MATERIALS WANTED

Will purchase your surplus stock of chemicals, drugs, oils, waxes, dyes, solvents. Are you overstocked due to formula change or government cancellations? Write fully. Will make immediate offer. OPD 172.

Any quantity, large or small, of dehydrocholic acid (triketocholanic acid) or cholic acid. Highest prices paid for immediate delivery. OPD 178.

PARTNERSHIP WANTED

Castor Oil extraction plant, to operate at very conveniently located port in Brazil, seeks permanent consumer in the United States as partner. Direct contact only. OPD 150.

The shining symbol of an Honorably Discharged Serviceman

JAP WAR TO THE BITTER END

★ Your Idle Machinery needed now more than ever ★

FOR VICTORY NOW — POST WAR JOBS LATER

SEND YOUR LIST TO "CONSOLIDATED"

★ ★ BUY AND HOLD MORE WAR BONDS ★ ★

Special Items from Stock

1—J. P. Devine No. 27 VACUUM SHELF DRYER, 17 Shelves, with Pump and Condenser.
5—ROTARY DRYERS, 2' x 24', 4' x 30', 6'x 40'
2—70" x 30" RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.
9—Direct heat ROTARY DRYERS 4' x 30', 5' x 30, 70" x 30', 6 x 60'
1—7'6" x 75' Indirect Heat ROTARY DRYER.,
5—ROTARY KILNS, 6' x 60', 8' x 126', 8' x 135'.
2—32" x 72" BUFLOVAK ATMOSPHERIC DOUBLE DRUM DRYERS, m. d.
1—Buffalo 32" x 52" Atmos. double drum DRYER chrome-plated rolls complete M. D.
1—5' x 12' Vacuum DRUM DRYER. Buffalo Foundry complete with accessories.
10—ROTARY VACUUM DRYERS; 3—Buffalo 5'x 20'; 3—Devine 4'x 25'. 1—Devine 4'x30'; 1—Struthers Wells 30" x 12'
2—ATMOSPHERIC DRUM DRYERS 4' x 12'.
1—32 x 90" Buflovak Atmospheric Double Drum Dryer.
1—Devine 3' x 9' Bronze Double Drum Rotary Vacuum Dryer, complete with all auxiliaries.
2—Buflovak 6' dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.
6—PEBBLE MILLS, 1—4' x 4' Burrstone Lined 1—32" x 42" Rubber Lined; 4—30 gal. porcelain lined. Other Sizes.
2—18" x 18", 24" x 24", Jeffrey single ROLL CRUSHERS.
5—DRY POWDER MIXERS various sizes. To 3000 lbs.
1—W. & P. MIXER, size 21-X-BB jacketed 625 gal.
6—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 3, No. 1 No. 0000.
1—4'x6' OLIVER CONTINUOUS FILTER; 2—8' x8'
8—HEAT EXCHANGERS. 50 to 1600 sq ft. heating surfaces; 5 copper, 2 steel tubes.
1—Day No. 30 Imperial Jack. MIXER, 75 gal.
8—RUBBER LINED Rectangular Tanks; 7—500-gal; 1—150 gal
23—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives.
1—PNEUM. SCALE CARTON PACKAGING UNIT.
1—Pneumatic Scale Co. Auto. tight WRAPPER.
1 36" dia. Cast Iron COLUMN, 23" high.
2—Batteries of two each TYLER HUMMER SCREENS 4'x 5'. single deck, other sizes.
1—Devine duplex VACUUM PUMP 16 x 16 x 12
3—STOKES steam heated WATER STILLS, 5, 10, 100 gal. per hour.
9—Hardinge BALL MILLS, 4'6" x 16", 5' x 22", also 6' x 12' Rod Mill.
2—5' x 30" Hardinge Conical Silex Lined PEBBLE MILLS, also 6' x 36"
1—5' x 13' PEBBLE or TUBE MILL, with open trunions.
10,000 lbs. 2—4" mixed STEEL GRINDING BALLS.
1—500 gal. 5' x 6' BALL MILL.

2—5'x30' Buffalo ROTARY VACUUM DRYERS.

LIQUIDATION

MACHINERY AND EQUIPMENT of LARGE CHEMICAL PLANT

Located at ANNISTON, ALABAMA

SELECTED ITEMS

1—24 Truck Tunnel DRYER, with Fans, Heaters, etc.
1—42" TURBO MIXER with 7½ HP Motor.
1—1,000-gal. DURIBON KETTLE.
Complete YORK AIR CONDITIONING PLANT, capacity 49 tons refrigeration, to handle 11,000 cu. ft. dehumidified air per minute.
3—Sets Walker Swenson 3-deck CRYSTALLIZERS.
3—Jeffrey 12 x 24 single deck VIBRATING SCREENS.
5—ROTARY DRYERS, 2'x24', 4'x30', 6'x40'.
1—Battery of two 3 x 5 TYLER HUMMER SCREENS, 3-deck.
2—Fansteel Hydrochloric ACID ABSORPTION SYSTEMS.
Miscellaneous; Tanks — Stainless Steel Lined, Rubber Lined, Lead Lined, Acid-proof Brick Lined; Bucket Elevators; Agitators; Pumps; Motors; Crushing Equipment, etc.

Send for Descriptive Circular

1—New 5 HP geared head PORTABLE AGITATOR drip proof motor, stainless steel shaft and 2—14" stainless propellers
3—Abbe Blutergess SIFTERS; 1—No. 2, 1—No 1.
10—Dopp C. I. Jacketed KETTLES, 25 Gal. to 100 gal; 30—steel, cast iron, jack. up to 2000 gals.
3—ROLLER MILLS, 6'6" x 14", 12 x 30, 16 x 40 water cooled.
1—Shriver Iron FILTER PRESS, 42"x42", 30 chambers.
3—50 gal. copper steam jacketed VACUUM PANS, Complete other sizes to 750 gal.
1—Size "B" Erie City COAL PULVERIZER with 40 P 3/60/220-440 V. Motor. Rated 2000 lbs. per hour.
9—COPPER & ALUMINUM steam Jack. KETTLES up to 500 gal. some with agitator.
2—150 gal. GLASS LINED Jack. agit. KETTLES; 2-200 gal. jack
1—Riehle friction grease TESTING MACHINE cap. 10,000 P. S. I
1—7-spout piston type FILLER.
2—300 gal. all COPPER, steam jack. KETTLES.
1—World automatic rotary LABELER m. d.
1—Ball & Jewell No. 2 ROTARY CUTTER
1—1000 gal. lead-lined closed TANK, lead coils
1—400 gal. horiz. rubber lined MIXER.
1—All Copper 5' dia. VACUUM PAN with condenser and vac. pump.
1—Karl Kiefer Piston Visco Filler, No. 2.
1—500 gal. jack. agit. AUTOCLAVE, steel, hammer welded construction 200 lb. jack.press. 550 lb. internal press.
1—U. S. COLLOID MILL 6" Stainless Steel Rotor, 5 HP AC Motor.
1—Komarek-Greaves BRIQUETTE PRESS, with 2—32" x 24" face, rolls for egg-shaped briquettes, rated 25 tons per hour.
3—Beach-Russ No. 10 ROTARY VACUUM PUMPS, with V-belt Drive m.d.
1—Pneumatic Scale straight line BOTTLE CLEANER
4—150 gal. aluminum TANKS cone bottom
1—Stokes No. 21 GRANULATING MIXER 50 lb. belt driven
1—Colton TUBE or JAR FILLER No. O.
2—Jones Automatic CARTONERS.
2—Anderson PACKAGING UNITS.

2—4-Rail RAYMOND HIGH SIDE MILLS, equipped for vacuum air separation—one with latest "whizzer" separator, one with double cone vacuum separator. Each including exhauster, cyclone collector and inter-connecting piping.

COMPLETE LIME BURNING AND HYDRATED LIME PLANT

(For sale in whole or in part)

1—8' x 120' Vulcan Rotary Kiln, complete.
1—5' x 50' Vulcan Rotary Cooler.
3—Bucket Elevators steel enclosed—78', 45', 35' c-c. including smaller elevators, screw conveyors, etc.
2—No. 0 Raymond Beater type Pulverizers, each equipped with air classifier, exhauster, cyclone collector, tubular dust collector and inter-connecting piping.
1—Kritzer Lime Hydrator, 6 cylinders, capacity 6 tons per hour.
1—Sturtevant Rock Emery Mill with 40 H.P. Motor.
3-60-440 volt Motors and Starting Equipment will be included with all of the above machines. All other bucket elevators, screw conveyors. etc. included.

WANTED—
YOUR IDLE MACHINES
There's still a War to be Won. Help production! Send your list NOW.

THE KEY TO SAVING TIME AND MONEY
FOR OVER A QUARTER CENTURY A SYMBOL OF CONFIDENCE
CONSOLIDATED PRODUCTS COMPANY, INC.

WE BUY FROM SINGLE ITEMS TO COMPLETE PLANTS "Every Machine in Your Plant is a Used Machine"

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Shops: 335 Doremus Ave., Newark, N. J. Cable Address: Equipment, N. Y.

JUST PURCHASED!

2—CLOSED HORIZONTAL STAINLESS STEEL TANKS, 7' DIA. x 10' LONG, 3,000 GALS. EACH
1—OPEN TOP STAINLESS STEEL TANK, 10' DIA. x 8' HIGH, 4,700 GALS.
1—HAVEG 2,000 GAL. TANK, 7' x 7' HIGH
2—DOUBLE DOOR VACUUM SHELF DRYERS, BUFLOVAK WITH 12—60 x 80" SHELVES, DEVINE WITH 13—59 x 78" SHELVES
3—SHRIVER 36" x 36" FILTER PRESSES, 4 EYE, CLOSED DELIVERY, WITH 50 RUBBER PLATES AND FRAMES
1—STOKES NO. 59A ROTARY VACUUM DRYER, 1'6"3'6"
1—BAKER PERKINS (W. & P.) 100 GAL. STEAM JACKETED MIXER, DOUBLE ARM
1—LANCASTER 30" DIA. BATCH MIXER
1—125 GAL. ALUMINUM JACKETED KETTLE
1—125 GAL. PFAUDLER JACKETED KETTLE
3—DAY, ROSS 12"x30" THREE ROLL ROLLER MILLS, BELT AND MOTOR DRIVEN
6—OLIVER 8' x 6' STAINLESS STEEL ROTARY FILTERS, BRAND NEW
1—OLIVER ROBISON 6'x4' TOP FEED NI-RESIST FILTER
2—SPERRY 24" x 24" EVERDUR PLATE & FRAME FILTER PRESSES, CLOSED DELIVERY, 20 CHAMBERS
1—SPERRY 18" x 18" CAST IRON PLATE & FRAME FILTER PRESS, 12 CHAMBERS, CLOSED DELIVERY
1—SHRIVER 30" x 30" CAST IRON RECESSED FILTER PRESS, OPEN DELIVERY
1—VALLEZ NO. 59C ROTARY FILTER MONEL COVERED LEAVES
1—BUFLOVAK 5' x 6' ATMOSPHERIC DRUM DRYER
2—SWEETLAND FILTERS NO. 2 & NO. 5 COPPER LEAVES
5—COPPER VACUUM PANS 30", 42", 8' & 7' DIA.

1—Bottling Line consisting of Kiefer Visco Filler, Chain Conveyor, Capping Wheel, and Knapp Labeler.
1—Filler Machine Co. 4 Spout Filler
1—Colton No. 2 Rotary Tablet Machine
3—Buflovak Vacuum and Atmospheric Crystallizers, 6', 3'
1—60 gal. Cast Semi-Steel Autoclave, agitated, 3" wall
1—Kiefer No. 3 Visco Rotary Filler
1—Rotex 40" x 84" Sifter
1—Atmospheric Truck Dryer, 33' long, aero-fin coils, 19 trucks
45—Drying Rack Trucks, on wheels
3—Copper Varnish Kettles, 175 gal.
2—Lead Mixers, 100, 140 gals.
5—Day, Ross Double Arm Mixers, 10 to 100 gals.
1—Howes 24"x12' Continuous Powder Mixer
5—Oliver Filters, 5' x 8' to 8' x 10'
6—Shriver Cast Iron Filter Presses, 36", 32", 30", 24", 18"
5—Shriver Wood Filter Press Skeletons, 24" to 42"
4—Pebble Mills, 3' x 3', 2' x 3'
1—Abbe Eureka Jar Mill, 15 gals.
2—Hardinge Mills, 2' x 8", 4½' x 2'
1—Jeffrey Hammer Mill, 24" x 12"
2—Kent 20" Tandem Stone Mills
2—Kent Lab. 8" Stone Mills
3—Sharples No. 6 Presurtite Centrifuges
2—Sharples, De Laval Clarifiers
1—Battery of 2—Tolhurst 48" Suspended Type Centrifugals, motor driven, bottom discharge
2—Tolhurst 40" Suspended Type Centrifugals, with 15 HP AC motors bottom discharge
2—Tolhurst 32", 40" suspended type bottom discharge Centrifugals solid baskets
4—American Tool 40" and 48" Centrifugals
3—Buflovak Vacuum Drum Dryers, 24" x 20", 48" x 40", 5' x 6'
4—Louisville Rotary Steam Tube Dryers, 6' x 25' to 6' x 40'
3—Atmos Drum Dryers 4'x9', 5'x7'
6—Copper and Steel Vac. Pans, 50 to 750 gals.
1—7' dia. Tinned Copper Converter
3—Steel Jacketed Kettles, 600 to 1,200 gals., some agitated
2—Swenson Continuous Crystallizers, 24" x 30'
2—Devine 10" x 10" Two Stage Vacuum Pumps
3—Condensers, 50 to 200 sq. ft.
2—1,750 gal. Lead Lined Closed Tanks
1—70 gal. Copper Jacketed Kettle double motion agitator
1—80 gal. Dopp Jacketed Kettle double motion agitator

Partial List only. Your inquiries solicited. Send us your lists of surplus equipment.

BRILL
Equipment Co.
225 WEST 34th STREET
NEW YORK 1, N. Y.
BRyant 9-2040

PLANTS WANTED

Inquiries solicited for the purchase of small or medium sized chemical plant by reliable and progressive chemical group with experience and capital. In reply give resume of plant equipment, products manufactured, approximate investment, and other pertinent information. New York or Eastern area preferred. Replies held in strictest confidence. OPD 169.

POSITIONS VACANT

Wanted—Experienced soap maker to manufacture shaving soap in cake form. Also, know formulas. Plant located in New York City. In replying, state age, experience, salary desired and complete details. OPD 167.

FOR SALE

3—No. 600 De Laval Clarifiers.
2—4 x 6' Atmospheric Drum Dryers.
3—Oliver Filters: 5 x 4 and 6 x 4'.
1—Howe 3500 lb. Dormant Platform Scale.
1—3' Copper Vacuum Pan.
1—24" Mikro Pulverizer belt drive.
4—Lead Lined Tanks, 400-1000 gallons.
1—Buflovac 10 gal. jack. Autoclave.
2—24 x 48" Vibrating Screens (New).
2—Lard Rolls: 4 x 9' single, 2 x 5' double.
1—40" Tolhurst copper basket Centrifugal.
2—(New) Triangle Carton Filling Lines.
1—Prater No. 20 Custom Hammer Mill.
4—Water Stills: 10 and 25 G.P.H.
8—3-roll Mills: 16 x 40 and 12 x 30".

What equipment have you for sale?
LOEB EQUIPMENT SUPPLY CO.
909 N. Marshfield Ave., Chicago 22, Ill.

LIQUIDATION
WET GRINDING PLANT

1—Chrystie 80"x45' Rot. Dryer.
1—Oliver 8'x10' Rot. Vac. Filter.
1—Hardinge 6'x48" Conical Mill.
1—Tube Mill, 5'x15'.
2—Rotary Screens, 2'x5'.
2—Dorr 15' Bowl Classifiers.
1—Sturtevant 36" Rock Emery Mill.
1—Sprout-Waldron 800-lb. Dry Mixer.
1—Gruendler Hammer Mill, 24" D. x 12" F.
30—Centrifugal & Rotary Pumps.

SEND FOR BULLETIN L 25

2—Batteries (9 & 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.
1—New 500 gal. Closed Stainless Tank.
9—New Closed Stainless Steel Tanks, 268 gals. each.
800-ft. Ball Bearing Roller Conveyor, 12" & 15" wide, 10-ft. lengths.
12—Filter Presses, Iron, Wood and Rubber 18" to 42" sq.
1—P. & S. 12 Truck Atmos. Dryer.
3—Tolhurst 26" & 40" Centrifugals.
5—0000 and No. 0 Raymond Mills.
2—Bonnot 27" dia. iron Filter Presses.
12—Vertical, jacketed, agitated kettles & Autoclaves up to 1,500 gals.
3—10, 250 & 1,500 gal. lead lined kettles.
2—Dopp 50 & 80 gal. jack. agit. kettles.
1—250 gal. copper jack. vac. Still & Receiver.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. steel copper lined vac. Filter Tank.
6—20, 35, 75 & 250 gal. closed, agit. jacketed Copper Kettles.
20—50 gal. Steel Tanks, Nettco Drives.
3—Single Punch Preform Tablet Machines, ½" to ¾".
2—Cherry-Burrel Homogenizers, 300 GPH.
2—Blystone 2,000 lb. jacketed, horiz. Paddle Type Steel Mixers.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. jack. Spiral Mixer.
1—Howe Barrel & Bag Packer.
2—4,000 gal. vert. Acid Proof Tanks.
3—Devine Horiz. Vac. Pumps, 8"x6"x4"x6".
2—Wall vert. Dry Vac. Pumps, 4"x2½".
1—Devine No. 37X, Vert. Condenser & Receiver.
1—Oliver 14"x8" Duplex Vac. Pump.
1—Penn. Vac. Pump, 14"x5".
1—National Acme Model C20, stainless steel Centrifuge.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 300 & 301, motor driven.
2—Day & Ross 8 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20", & 7½"x30" Rolls.
10—Iron Mills, 12", 14" & 18".
8—Stone Mills, 8" to 32".
6—Lead & Paste Mixers, 50 & 60 gals.
3—Copper Varnish Kettles, 200 gals.
25—Steel & Wood Tanks, up to 4,000 gals.
1—Schutz-O'Neil 20" Pulverizer.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 H.P.
20—Rotary, Centrif. & Triplex Pumps.
6—Gas Boilers, up to 10 H.P.

Write for Complete Bulletins
We Buy Your Surplus Machinery

STEIN EQUIPMENT COMPANY
Department E
426 BROOME ST., NEW YORK 13, N. Y.
CANAL 6-8147

POSITIONS VACANT

Salesman Wanted for California. Excellent opening for high-grade salesman with first-class knowlede of perfume bases and essential oils. Write full particulars to OPD 129.

Chemist for modern laboratory in progressive paint and varnish plant. Exceptional present and post-war opportunity. You will be in full charge. Write in detail to OPD 145.

Chemist—Floor wax experience. An opportunity to run the laboratory in a live, successful organization. An unusual job for an unusual man. Write in confidence to OPD 146.

FOR SALE

3—12 in. x 30 in. Roller Mills
2—16 in. x 40 in. three steel roller mills
PONY MIXERS from 2½ gallons to 40 gallons
5—Change Can Mixers
1—210 gallon Buhr Stone lined Pebble Mill.
2—Practically new 750 gallon Porcelain lined Pebble Mills.
3—32 in. x 36 in. PEBBLE MILLS.
10—1000 gallon steel square storage tanks
10—2000 gallon steel square storage tanks
5—9 in. x 24 in. motor driven roller mills

Specializing in Rebuilt Machinery

IRVING BARCAN COMPANY
50 CHURCH ST., NEW YORK 7, N.Y.

MIXERS

1—W. & P. Jack. 20 gal. D. A. Mixer, M.D. 10 H.P., 3 Phase Motor
1—W. & P. 2½ gal. Jack.
1—W. & P. 2½ gal. working capacity, all bronze.
1—Read 75 gal. Jack. horizontal, M.D.
1—Baker Perkins 500 gal. closed, vertical, Jack., Mixing Kettle.
5—Day Powder Mixers, 200 to 1,000 lbs. cap.
1—Netco No. 5 Vertical Drive Ratio 17:1.
8—New Alsop 20 gal. G. L. Mixing Tanks.

SPECIALS

1—Blaw-Knox 6' dia. x 5' face Stainless Steel Flaker or Dry'er, working pressure 40 lbs.
2—Stainless Steel Pumps 8" inlet x 5½" outlet. Impeller is about 20".
1—Closed, Copper, Jack. Kettle, 100 lbs. working pressure, 1,000 gal. cap.
1—Shriver 24" cast iron Filter Press, 40 Plates, 40 Frames, C.D.

New Portable Agitators, Stainless Steel Kettles and Tanks, Conveyors, etc. Send us your inquiries.

MACHINERY & EQUIPMENT CORPORATION (of N.Y.)
533 West Broadway New York 12, N.Y.
GRamercy 5-6680

LARGER
Warehouse Quarters

Many desirable pieces of equipment may be seen and are for immediate deliveries.

2—Stainless Steel Kettles, 80 gallon-100 gallon.
1—Shriver Iron Filter Press, 36" x 36", open delivery.
2—Glass lined tanks, 110 gallons.
4—Tolhurst, 26" extractors, rubber lined MD.
1—Stainless Steel, 330 gallon tank.
15—Aluminum tanks, 25-2,000 gallon.
1—15 gallon Pony mixer.
1—Day 14" Ointment Mill.
1—Jeffrey No. 4 Barrel Vibrator.
4—Copper Stills, 15-75 gallons.
5—Read-Day—W&P Mixers, 10-300 gallon.
5—Copper Kettles from 5-250 gallon.
26—Copper Coating Pans.

—WE BUY YOUR SURPLUS—

Chemical & Process Machinery Corp.
146-8 Grand Street New York 13, N.Y.
Tel. WOrth 4-8130

POSITIONS VACANT

U.S. Representatives of leading English chemical exporters desires purchasing agent, thoroughly familiar with industrial, fine chemical, pharmaceutical and drug markets. OPD 148.

Unusual opportunity for perfume chemist for development work with leading essential oil firm. OPD 163.

Drug and chemical buyer by large wholesale drug house, in Central West. Must be experienced and competent. Address OPD 174.

—Continued on page 74

MIXER

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Botanical Drugs

—*Continued from page 63*

Spices

Clove — Madagascar spice on spot was shaded to 16c. to 16½c. per pound and goods afloat were priced also at that level.

Ginger — Unbleached Cochin root was cheaper at 17¼c. to 17¾c. per pound. African held without open change, but it was said sellers might entertain firm bids. Jamaica root has steadied since the recent sharp and official drop in prices in the primary market.

Markets at Other Centers

Los Angeles, Aug. 1.—Trading in this market remained slow because of scarce supplies. No price changes were noted. Prices are:—

Marjoram — French type, 35c. per pound in dried form.

Sage—Dalmatian type, 65c per pound for lots containing less than 12 percent stems. Leucophylla was quoted at 32c. per pound.

Savory—French type, 75c. per pound.

Sweet Basil—75c. per pound in dried form.

Thyme—French type, 90c. per pound in dried and clean form.

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Business Wants

—*Continued from page 73*

POSITIONS VACANT

Postwar program requires services of two chemists, experienced in manufacture of pigment colors. Interesting position with unlimited advancement. Submit complete information stating previous experience, educational background, etc. Replies confidential. OPD 173.

Paint and varnish chemist: medium size, well established, well-known and progressive Eastern manufacturer has a really good opportunity to offer for a man who has general all-around experience with shelf goods and industrial products. Excellent salary and bonus arrangement. Splendid opportunity for postwar, as our plans call for expansion and additional plants. Rest assured your replies will be held strictly confidential. Our employees know of this ad. OPD 176.

Exceptional opportunity for wetting-agent chemist: A position with an unusually attractive future is open with a large Philadelphia producer of chemicals for a chemist of broad technical and practical experience in the field of wetting agents, particularly as applied to floor waxes, paint cleaners and related compounds. Application letter will be acknowledged and treated in confidence. It should include details of education and business experience. Address OPD 179.

Chemist or chemical engineer with some alkyd resin and ester gum manufacturing experience for permanent position in Mid-South with established coating manufacturer. Write in detail and send recent photograph to OPD 182.

POSITIONS WANTED

Chemist Executive, now directing research and factory, wants similar position in or near Manhattan. Good sales background. First class business record. Experience organic chemistry, products finishes, plastics and related materials. OPD 154.

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Purchasing agent, 20 years experience in paints, varnishes and chemicals. Also take charge of credit. Recently connected with the R.F.C. Surplus War Property. Metropolitan area. OPD 168.

Experienced, technically trained industrial chemical salesman under thirty-five interested in opening, offering rapid advancement to managerial capacity. OPD 170.

Industrial engineer: broad industrial experience; operating superintendent with a well known chemical concern for 16 years; well qualified to fill a responsible position where experience and active supervision are prerequisites; recently released from active duty as a commissioned specialist in the U. S. Navy; will consider a new connection where sufficient opportunity and postwar promise are exhibited or will consider taking an investment interest where something new and promising is in the development stage. OPD 171.

WSA Tanker Operations Director Appointed

OPD Washington Bureau

Roy E. Anderson has been appointed director of the division of tanker operations, the War Shipping Administration has announced. Mr. Anderson succeeds J. W. Bancker, who has resigned to become vice-president of the American Merchant Marine Institute, Inc., New York, to which position he was recently elected. Mr. Anderson, who has been assistant director for tanker operations, is a former employee of Socony Vacuum Oil Company, Inc., and has been on loan to WSA since April, 1942. L. A. Smith, previously with the Standard Oil Co. of California, will become assistant director. He has been with WSA on loan since January 20, 1943.

Walter A. Wachholtz has been made technical director for Arthur C. Trask Company, Chicago.

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